Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVLM091319WMA.M
Title : VOC Analysis
Last Update : Fri Sep 13 18:43:16 2019
Response Via : Initial Calibration

Calibration Files
5 =VV012732.D 10 =VV012731.D 50 =VV012727.D
100 =VV012728.D 200 =VV012729.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.425	0.285	0.335	0.312	0.317	0.335	15.98
3)	T	Chloromethane	0.455	0.299	0.339	0.325	0.328	0.349	17.46
4)	S	Vinyl Chloride-d3	0.279	0.287	0.277	0.289	0.285	0.283	1.92
5)	T	Vinyl chloride	0.438	0.294	0.345	0.332	0.338	0.349	15.26
6)	T	Bromomethane	0.274	0.186	0.203	0.194	0.126	0.196	26.82
7)	S	Chloroethane-d5	0.250	0.268	0.246	0.255	0.249	0.254	3.53
8)	T	Chloroethane	0.262	0.191	0.220	0.210	0.209	0.218	12.21
9)	T	Trichlorofluorometh	0.636	0.408	0.490	0.461	0.456	0.490	17.66
10)	T	1,1,2-Trichloro-1,2	0.396	0.255	0.305	0.278	0.278	0.303	18.17
11)	S	1,1-Dichloroethene-	0.581	0.548	0.539	0.550	0.538	0.551	3.20
12)	T	1,1-Dichloroethene	0.328	0.225	0.263	0.252	0.251	0.264	14.59
13)	T	Acetone	0.319	0.203	0.250	0.226	0.214	0.243	19.13
14)	T	Carbon disulfide	0.719	0.477	0.567	0.552	0.559	0.575	15.36
15)	T	Methyl Acetate	0.469	0.325	0.369	0.375	0.388	0.385	13.63
16)	T	Methylene chloride	0.445	0.296	0.338	0.324	0.325	0.346	16.65
17)	T	trans-1,2-Dichloroe	0.357	0.245	0.282	0.277	0.280	0.288	14.30
18)	T	Methyl tert-butyl E	1.198	0.799	0.973	0.987	1.012	0.994	14.28
19)	T	1,1-Dichloroethane	0.787	0.520	0.610	0.598	0.599	0.623	15.82
20)	T	cis-1,2-Dichloroeth	0.432	0.291	0.348	0.352	0.360	0.356	14.13
21)	S	2-Butanone-d5	0.271	0.295	0.272	0.309	0.322	0.294	7.65
22)	T	2-Butanone	0.343	0.227	0.314	0.310	0.314	0.301	14.57
23)	T	Bromochloromethane	0.230	0.147	0.179	0.174	0.176	0.181	16.71
24)	S	Chloroform-d	0.713	0.725	0.673	0.706	0.694	0.702	2.85
25)	T	Chloroform	0.834	0.556	0.642	0.624	0.615	0.654	16.11
26)	S	1,2-Dichloroethane-	0.426	0.448	0.404	0.429	0.422	0.426	3.63
27)	T	1,2-Dichloroethane	0.618	0.410	0.483	0.469	0.469	0.490	15.71
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.539	0.361	0.481	0.489	0.503	0.475	14.14
30)	T	1,1,1-Trichloroetha	0.645	0.442	0.511	0.506	0.509	0.523	14.21
31)	T	Carbon tetrachlorid	0.560	0.373	0.440	0.435	0.442	0.450	15.09
32)	S	Benzene-d6	1.268	1.371	1.285	1.393	1.355	1.334	4.11
33)	T	Benzene	1.652	1.113	1.354	1.347	1.334	1.360	14.09
34)	T	Trichloroethene	0.510	0.345	0.384	0.369	0.368	0.395	16.61
35)	T	Methylcyclohexane	0.573	0.376	0.516	0.505	0.523	0.499	14.69
36)	S	1,2-Dichloropropane	0.460	0.493	0.442	0.481	0.479	0.471	4.27
37)	T	1,2-Dichloropropane	0.492	0.326	0.382	0.377	0.378	0.391	15.60
38)	T	Bromodichloromethan	0.625	0.412	0.491	0.489	0.500	0.503	15.21
39)	T	cis-1,3-Dichloropro	0.606	0.418	0.545	0.564	0.605	0.548	14.05
40)	T	4-Methyl-2-pentanon	0.601	0.402	0.544	0.566	0.594	0.541	14.94
41)	S	Toluene-d8	1.099	1.178	1.220	1.309	1.297	1.221	7.12
42)	T	Toluene	1.632	1.103	1.458	1.433	1.436	1.412	13.58
43)	S	trans-1,3-Dichlorop	0.176	0.183	0.187	0.213	0.222	0.196	10.22
44)	T	trans-1,3-Dichlorop	0.528	0.368	0.480	0.502	0.536	0.483	14.12
45)	T	1,1,2-Trichloroetha	0.484	0.311	0.370	0.370	0.372	0.382	16.45
46)	T	Tetrachloroethene	0.343	0.225	0.271	0.263	0.269	0.274	15.52
47)	S	2-Hexanone-d5	0.123	0.137	0.175	0.220	0.248	0.181	29.32
48)	T	2-Hexanone	0.469	0.333	0.458	0.463	0.474	0.439	13.60
49)	T	Dibromochloromethan	0.468	0.312	0.396	0.406	0.417	0.400	14.05
50)	T	1,2-Dibromoethane	0.434	0.304	0.359	0.364	0.377	0.368	12.62
51)	T	Chlorobenzene	1.197	0.785	0.952	0.946	0.959	0.968	15.22
52)	T	Ethylbenzene	1.752	1.157	1.605	1.606	1.643	1.553	14.77

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.615	0.410	0.600	0.608	0.627	0.572	15.96
54)	T	o-xylene	0.621	0.420	0.607	0.615	0.639	0.580	15.54
55)	T	Styrene	0.983	0.690	1.065	1.069	1.115	0.985	17.39
56)	T	Isopropylbenzene	1.627	1.081	1.619	1.619	1.680	1.525	16.37
57)	S	1,1,2,2-Tetrachloro	0.552	0.572	0.570	0.645	0.672	0.602	8.75
58)	T	1,1,2,2-Tetrachloro	0.594	0.394	0.510	0.536	0.571	0.521	14.92
59)		1,2,3-Trichloroprop	0.607	0.410	0.485	0.487	0.500	0.498	14.22
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.745	0.506	0.570	0.586	0.612	0.604	14.61
62)	T	1,3-Dichlorobenzene	1.879	1.267	1.535	1.507	1.533	1.544	14.12
63)	T	1,4-Dichlorobenzene	1.982	1.336	1.550	1.512	1.541	1.584	15.06
64)	S	1,2-Dichlorobenzene	1.132	1.181	1.079	1.152	1.162	1.141	3.40
65)	T	1,2-Dichlorobenzene	2.030	1.359	1.588	1.563	1.580	1.624	15.14
66)	T	1,2-Dibromo-3-chlor	0.255	0.164	0.196	0.222	0.246	0.217	17.32
67)		1,3,5-Trichlorobenz	1.352	0.908	1.124	1.122	1.199	1.141	14.05
68)	T	1,2,4-trichlorobenz	1.067	0.711	0.939	0.997	1.105	0.964	16.11
69)		Naphthalene	2.591	1.815	2.905	3.204	3.419	2.787	22.47
70)	T	1,2,3-Trichlorobenz	1.159	0.795	1.073	1.070	1.135	1.046	13.92

(#) = Out of Range