Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM031820WMA.M
Title : VOC Analysis
Last Update : Thu Mar 19 02:35:33 2020
Response Via : Initial Calibration

Calibration Files
5 =VV015015.D 10 =VV015016.D 50 =VV015017.D
100 =VV015018.D 200 =VV015019.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.348	0.491	0.443	0.418	0.437	0.427	12.14
3)	T	Chloromethane	0.257	0.315	0.302	0.287	0.291	0.291	7.40
4)	S	Vinyl Chloride-d3	0.247	0.252	0.221	0.223	0.225	0.234	6.20
5)	T	Vinyl chloride	0.244	0.306	0.290	0.275	0.291	0.281	8.40
6)	T	Bromomethane	0.149	0.199	0.184	0.185	0.194	0.182	10.77
7)	S	Chloroethane-d5	0.200	0.198	0.175	0.176	0.167	0.183	8.07
8)	T	Chloroethane	0.120	0.179	0.160	0.150	0.148	0.151	13.96
9)	T	Trichlorofluorometh	0.357	0.509	0.465	0.443	0.460	0.447	12.47
10)	T	1,1,2-Trichloro-1,2	0.175	0.248	0.227	0.207	0.217	0.215	12.55
11)	S	1,1-Dichloroethene-	0.400	0.451	0.387	0.381	0.377	0.399	7.61
12)	T	1,1-Dichloroethene	0.156	0.221	0.222	0.205	0.213	0.203	13.41
13)	T	Acetone	0.132	0.154	0.131	0.121	0.120	0.132	10.49
14)	T	Carbon disulfide	0.575	0.776	0.752	0.728	0.775	0.721	11.68
15)	T	Methyl Acetate	0.179	0.234	0.241	0.226	0.246	0.225	12.03
16)	T	Methylene chloride	0.280	0.353	0.338	0.316	0.325	0.322	8.58
17)	T	trans-1,2-Dichloroe	0.248	0.340	0.319	0.305	0.316	0.305	11.37
18)	T	Methyl tert-butyl E	0.709	1.029	0.985	0.968	1.009	0.940	13.98
19)	T	1,1-Dichloroethane	0.413	0.587	0.557	0.526	0.541	0.525	12.62
20)	T	cis-1,2-Dichloroeth	0.267	0.372	0.364	0.344	0.360	0.341	12.59
21)	S	2-Butanone-d5	0.131	0.179	0.167	0.152	0.163	0.158	11.52
22)	T	2-Butanone	0.138	0.192	0.176	0.179	0.207	0.178	14.35
23)	T	Bromochloromethane	0.142	0.208	0.194	0.190	0.194	0.186	13.76
24)	S	Chloroform-d	0.609	0.632	0.586	0.581	0.583	0.598	3.68
25)	T	Chloroform	0.476	0.660	0.617	0.586	0.596	0.587	11.63
26)	S	1,2-Dichloroethane-	0.407	0.386	0.366	0.365	0.358	0.377	5.27
27)	T	1,2-Dichloroethane	0.342	0.494	0.463	0.440	0.452	0.438	13.15
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.359	0.498	0.473	0.444	0.471	0.449	11.95
30)	T	1,1,1-Trichloroetha	0.419	0.609	0.571	0.547	0.552	0.539	13.27
31)	T	Carbon tetrachlorid	0.374	0.540	0.516	0.488	0.506	0.485	13.31
32)	S	Benzene-d6	1.211	1.289	1.162	1.149	1.122	1.187	5.53
33)	T	Benzene	0.948	1.389	1.298	1.234	1.250	1.224	13.53
34)	T	Trichloroethene	0.271	0.373	0.343	0.327	0.345	0.332	11.41
35)	T	Methylcyclohexane	0.410	0.594	0.554	0.523	0.549	0.526	13.21
36)	S	1,2-Dichloropropane	0.366	0.373	0.333	0.335	0.329	0.347	5.99
37)	T	1,2-Dichloropropane	0.249	0.325	0.305	0.299	0.301	0.296	9.53
38)	T	Bromodichloromethan	0.316	0.484	0.456	0.443	0.459	0.432	15.32
39)	T	cis-1,3-Dichloropro	0.339	0.494	0.548	0.531	0.565	0.496	18.38
40)	T	4-Methyl-2-pentanon	0.317	0.450	0.440	0.419	0.424	0.410	13.01
41)	S	Toluene-d8	1.224	1.264	1.170	1.177	1.137	1.194	4.18
42)	T	Toluene	1.049	1.526	1.494	1.408	1.441	1.384	13.92
43)	S	trans-1,3-Dichlorop	0.167	0.186	0.190	0.191	0.194	0.186	5.90
44)	T	trans-1,3-Dichlorop	0.308	0.452	0.490	0.482	0.512	0.449	18.15
45)	T	1,1,2-Trichloroetha	0.256	0.352	0.341	0.331	0.333	0.323	11.85
46)	T	Tetrachloroethene	0.247	0.352	0.330	0.313	0.333	0.315	12.85
47)	S	2-Hexanone-d5	0.151	0.162	0.159	0.162	0.167	0.160	3.60
48)	T	2-Hexanone	0.187	0.340	0.343	0.332	0.330	0.306	21.82
49)	T	Dibromochloromethan	0.262	0.404	0.397	0.398	0.414	0.375	16.98
50)	T	1,2-Dibromoethane	0.273	0.407	0.378	0.367	0.375	0.360	14.10
51)	T	Chlorobenzene	0.785	1.088	1.015	0.971	1.005	0.973	11.67
52)	T	Ethylbenzene	1.139	1.761	1.672	1.611	1.675	1.572	15.76

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.443	0.666	0.665	0.636	0.666	0.615	15.79
54)	T	o-xylene	0.428	0.668	0.665	0.628	0.657	0.609	16.80
55)	T	Styrene	0.700	1.087	1.120	1.086	1.124	1.023	17.76
56)	T	Isopropylbenzene	1.103	1.737	1.731	1.633	1.731	1.587	17.28
57)	S	1,1,2,2-Tetrachloro	0.523	0.567	0.514	0.509	0.499	0.522	5.10
58)	T	1,1,2,2-Tetrachloro	0.412	0.592	0.552	0.528	0.541	0.525	12.89
59)		1,2,3-Trichloroprop	0.309	0.476	0.441	0.425	0.429	0.416	15.20
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.339	0.498	0.532	0.530	0.573	0.494	18.33
62)	T	1,3-Dichlorobenzene	1.178	1.674	1.610	1.496	1.567	1.505	12.87
63)	T	1,4-Dichlorobenzene	1.407	1.741	1.603	1.516	1.566	1.567	7.79
64)	S	1,2-Dichlorobenzene	1.152	1.048	0.948	0.937	0.933	1.004	9.49
65)	T	1,2-Dichlorobenzene	1.471	1.827	1.622	1.513	1.559	1.599	8.73
66)	T	1,2-Dibromo-3-chlor	0.174	0.237	0.231	0.231	0.244	0.223	12.57
67)		1,3,5-Trichlorobenz	0.921	1.274	1.266	1.207	1.286	1.191	12.93
68)	T	1,2,4-trichlorobenz	0.893	1.147	1.141	1.106	1.196	1.097	10.79
69)		Naphthalene	0.998	1.346	1.533	1.583	1.699	1.432	19.13
70)	T	1,2,3-Trichlorobenz	0.786	1.102	1.178	1.141	1.179	1.077	15.38

(#) = Out of Range