Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM082119WMA.M
Title : VOC Analysis
Last Update : Thu Aug 22 02:38:09 2019
Response Via : Initial Calibration

Calibration Files
5 =VV012315.D 10 =VV012316.D 50 =VV012317.D
100 =VV012318.D 200 =VV012319.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.443	0.390	0.434	0.433	0.441	0.428	5.06
3)	T	Chloromethane	0.253	0.219	0.250	0.246	0.253	0.244	5.98
4)	S	Vinyl Chloride-d3	0.237	0.223	0.241	0.239	0.243	0.237	3.47
5)	T	Vinyl chloride	0.234	0.213	0.252	0.246	0.263	0.241	7.92
6)	T	Bromomethane	0.116	0.114	0.121	0.125	0.153	0.126	12.59
7)	S	Chloroethane-d5	0.163	0.168	0.173	0.173	0.171	0.170	2.44
8)	T	Chloroethane	0.150	0.123	0.137	0.136	0.137	0.137	7.20
9)	T	Trichlorofluorometh	0.495	0.439	0.493	0.495	0.507	0.486	5.54
10)	T	1,1,2-Trichloro-1,2	0.224	0.203	0.226	0.220	0.229	0.220	4.72
11)	S	1,1-Dichloroethene-	0.482	0.433	0.474	0.466	0.475	0.466	4.19
12)	T	1,1-Dichloroethene	0.204	0.179	0.206	0.202	0.214	0.201	6.46
13)	T	Acetone	0.154	0.132	0.132	0.126	0.148	0.138	8.59
14)	T	Carbon disulfide	0.793	0.684	0.763	0.758	0.789	0.757	5.76
15)	T	Methyl Acetate	0.255	0.229	0.267	0.272	0.277	0.260	7.46
16)	T	Methylene chloride	0.317	0.280	0.306	0.307	0.321	0.306	5.28
17)	T	trans-1,2-Dichloroe	0.303	0.285	0.307	0.307	0.320	0.304	4.14
18)	T	Methyl tert-butyl E	0.972	0.875	1.042	1.058	1.095	1.008	8.62
19)	T	1,1-Dichloroethane	0.508	0.464	0.520	0.525	0.539	0.511	5.59
20)	T	cis-1,2-Dichloroeth	0.324	0.303	0.349	0.352	0.364	0.339	7.28
21)	S	2-Butanone-d5	0.181	0.134	0.194	0.206	0.208	0.185	16.34
22)	T	2-Butanone	0.192	0.166	0.208	0.210	0.218	0.199	10.34
23)	T	Bromochloromethane	0.176	0.174	0.192	0.194	0.202	0.187	6.37
24)	S	Chloroform-d	0.678	0.599	0.689	0.697	0.702	0.673	6.27
25)	T	Chloroform	0.647	0.596	0.632	0.628	0.650	0.631	3.42
26)	S	1,2-Dichloroethane-	0.458	0.436	0.474	0.474	0.478	0.464	3.72
27)	T	1,2-Dichloroethane	0.511	0.455	0.522	0.529	0.547	0.513	6.78
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.447	0.405	0.475	0.483	0.467	0.455	6.84
30)	T	1,1,1-Trichloroetha	0.632	0.584	0.658	0.672	0.672	0.644	5.78
31)	T	Carbon tetrachlorid	0.581	0.551	0.616	0.637	0.639	0.605	6.32
32)	S	Benzene-d6	1.320	1.271	1.368	1.386	1.322	1.333	3.40
33)	T	Benzene	1.231	1.164	1.297	1.320	1.290	1.260	5.03
34)	T	Trichloroethene	0.384	0.334	0.372	0.380	0.375	0.369	5.43
35)	T	Methylcyclohexane	0.559	0.514	0.561	0.582	0.575	0.558	4.74
36)	S	1,2-Dichloropropane	0.355	0.352	0.366	0.370	0.359	0.361	2.10
37)	T	1,2-Dichloropropane	0.285	0.245	0.300	0.301	0.298	0.286	8.33
38)	T	Bromodichloromethan	0.488	0.432	0.513	0.535	0.532	0.500	8.51
39)	T	cis-1,3-Dichloropro	0.469	0.459	0.552	0.574	0.597	0.530	11.78
40)	T	4-Methyl-2-pentanon	0.341	0.323	0.412	0.423	0.422	0.384	12.53
41)	S	Toluene-d8	1.240	1.224	1.350	1.363	1.319	1.299	4.90
42)	T	Toluene	1.377	1.285	1.473	1.492	1.481	1.422	6.28
43)	S	trans-1,3-Dichlorop	0.210	0.193	0.228	0.240	0.239	0.222	9.16
44)	T	trans-1,3-Dichlorop	0.451	0.421	0.536	0.558	0.562	0.505	12.83
45)	T	1,1,2-Trichloroetha	0.329	0.294	0.334	0.350	0.344	0.330	6.61
46)	T	Tetrachloroethene	0.356	0.320	0.358	0.367	0.366	0.353	5.48
47)	S	2-Hexanone-d5	0.131	0.106	0.163	0.171	0.173	0.149	19.59
48)	T	2-Hexanone	0.265	0.234	0.316	0.313	0.322	0.290	13.33
49)	T	Dibromochloromethan	0.424	0.387	0.459	0.480	0.483	0.447	9.15
50)	T	1,2-Dibromoethane	0.347	0.321	0.378	0.395	0.392	0.367	8.66
51)	T	Chlorobenzene	0.970	0.898	1.004	1.022	1.027	0.984	5.41
52)	T	Ethylbenzene	1.578	1.474	1.693	1.743	1.728	1.643	6.97

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.617	0.571	0.658	0.672	0.670	0.638	6.79
54)	T	o-xylene	0.600	0.560	0.645	0.664	0.660	0.626	7.16
55)	T	Styrene	0.958	0.913	1.097	1.140	1.133	1.048	10.08
56)	T	Isopropylbenzene	1.608	1.504	1.760	1.804	1.802	1.696	7.87
57)	S	1,1,2,2-Tetrachloro	0.483	0.472	0.536	0.542	0.535	0.514	6.53
58)	T	1,1,2,2-Tetrachloro	0.463	0.403	0.499	0.513	0.521	0.480	10.03
59)		1,2,3-Trichloroprop	0.407	0.360	0.413	0.429	0.427	0.407	6.81
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.630	0.599	0.682	0.705	0.685	0.660	6.70
62)	T	1,3-Dichlorobenzene	1.528	1.410	1.603	1.641	1.601	1.557	5.88
63)	T	1,4-Dichlorobenzene	1.607	1.416	1.614	1.621	1.596	1.571	5.54
64)	S	1,2-Dichlorobenzene	1.134	1.040	1.120	1.124	1.080	1.099	3.56
65)	T	1,2-Dichlorobenzene	1.553	1.449	1.647	1.622	1.606	1.575	4.98
66)	T	1,2-Dibromo-3-chlor	0.210	0.177	0.238	0.258	0.262	0.229	15.57
67)		1,3,5-Trichlorobenz	1.145	1.040	1.285	1.347	1.352	1.234	11.10
68)	T	1,2,4-trichlorobenz	0.740	0.698	1.058	1.155	1.177	0.965	23.83
69)		Naphthalene	1.840	1.729	2.895	3.203	3.302	2.594	29.10
70)	T	1,2,3-Trichlorobenz	0.771	0.746	1.090	1.167	1.168	0.988	21.48

(#) = Out of Range