Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM112320WMA.M
Title : VOC Analysis
Last Update : Mon Nov 23 14:50:28 2020
Response Via : Initial Calibration

Calibration Files
5 =VV019417.D 10 =VV019418.D 50 =VV019419.D
100 =VV019420.D 200 =VV019421.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.397	0.440	0.397	0.401	0.385	0.404	5.23
3)	T	Chloromethane	0.540	0.560	0.542	0.558	0.518	0.543	3.13
4)	S	Vinyl Chloride-d3	0.512	0.508	0.489	0.500	0.488	0.499	2.19
5)	T	Vinyl chloride	0.515	0.542	0.508	0.529	0.502	0.519	3.13
6)	T	Bromomethane	0.337	0.343	0.329	0.341	0.342	0.339	1.68
7)	S	Chloroethane-d5	0.432	0.413	0.396	0.403	0.389	0.406	4.17
8)	T	Chloroethane	0.331	0.343	0.325	0.337	0.317	0.331	3.05
9)	T	Trichlorofluorometh	0.637	0.688	0.646	0.660	0.629	0.652	3.53
10)	T	1,1,2-Trichloro-1,2	0.342	0.376	0.346	0.352	0.338	0.351	4.26
11)	S	1,1-Dichloroethene-	0.904	0.900	0.875	0.899	0.866	0.889	1.93
12)	T	1,1-Dichloroethene	0.365	0.377	0.359	0.370	0.355	0.365	2.39
13)	T	Acetone	0.245	0.245	0.224	0.235	0.214	0.233	5.92
14)	T	Carbon disulfide	1.028	1.090	1.048	1.089	1.042	1.060	2.69
15)	T	Methyl Acetate	0.440	0.470	0.466	0.504	0.476	0.471	4.87
16)	T	Methylene chloride	0.436	0.446	0.413	0.424	0.395	0.423	4.68
17)	T	trans-1,2-Dichloroe	0.335	0.365	0.363	0.381	0.362	0.361	4.64
18)	T	Methyl tert-butyl E	1.010	1.094	1.159	1.266	1.212	1.148	8.74
19)	T	1,1-Dichloroethane	0.713	0.766	0.739	0.766	0.718	0.741	3.44
20)	T	cis-1,2-Dichloroeth	0.362	0.381	0.401	0.430	0.409	0.397	6.53
21)	S	2-Butanone-d5	0.243	0.288	0.313	0.342	0.336	0.304	13.28
22)	T	2-Butanone	0.238	0.285	0.328	0.358	0.335	0.309	15.41
23)	T	Bromochloromethane	0.199	0.215	0.211	0.219	0.207	0.210	3.78
24)	S	Chloroform-d	0.817	0.808	0.801	0.823	0.787	0.807	1.77
25)	T	Chloroform	0.722	0.783	0.755	0.770	0.713	0.749	4.04
26)	S	1,2-Dichloroethane-	0.534	0.539	0.524	0.535	0.510	0.528	2.19
27)	T	1,2-Dichloroethane	0.557	0.582	0.605	0.618	0.575	0.587	4.15
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.426	0.481	0.534	0.583	0.592	0.523	13.43
30)	T	1,1,1-Trichloroetha	0.581	0.616	0.603	0.624	0.596	0.604	2.76
31)	T	Carbon tetrachlorid	0.494	0.531	0.519	0.536	0.513	0.518	3.16
32)	S	Benzene-d6	1.436	1.429	1.489	1.544	1.494	1.478	3.19
33)	T	Benzene	1.375	1.488	1.538	1.587	1.494	1.496	5.27
34)	T	Trichloroethene	0.432	0.443	0.409	0.415	0.388	0.417	5.07
35)	T	Methylcyclohexane	0.425	0.445	0.503	0.540	0.541	0.491	10.94
36)	S	1,2-Dichloropropane	0.491	0.481	0.490	0.510	0.487	0.492	2.22
37)	T	1,2-Dichloropropane	0.383	0.404	0.417	0.444	0.415	0.413	5.36
38)	T	Bromodichloromethan	0.525	0.545	0.549	0.575	0.542	0.547	3.30
39)	T	cis-1,3-Dichloropro	0.491	0.538	0.644	0.698	0.677	0.610	14.80
40)	T	4-Methyl-2-pentanon	0.446	0.528	0.621	0.674	0.641	0.582	16.02
41)	S	Toluene-d8	1.198	1.249	1.370	1.424	1.380	1.324	7.21
42)	T	Toluene	1.305	1.518	1.621	1.710	1.607	1.552	9.91
43)	S	trans-1,3-Dichlorop	0.207	0.216	0.245	0.263	0.258	0.238	10.52
44)	T	trans-1,3-Dichlorop	0.481	0.549	0.644	0.692	0.671	0.607	14.72
45)	T	1,1,2-Trichloroetha	0.359	0.387	0.395	0.405	0.385	0.386	4.41
46)	T	Tetrachloroethene	0.272	0.295	0.290	0.303	0.289	0.290	3.87
47)	S	2-Hexanone-d5	0.111	0.143	0.210	0.250	0.256	0.194	33.46
48)	T	2-Hexanone	0.349	0.429	0.494	0.530	0.503	0.461	15.81
49)	T	Dibromochloromethan	0.384	0.412	0.440	0.461	0.438	0.427	6.87
50)	T	1,2-Dibromoethane	0.378	0.409	0.415	0.435	0.413	0.410	5.04
51)	T	Chlorobenzene	0.963	1.029	1.022	1.074	1.032	1.024	3.88
52)	T	Ethylbenzene	1.406	1.523	1.729	1.858	1.813	1.666	11.66

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM112320WMA.M
Title : VOC Analysis
Last Update : Mon Nov 23 14:50:28 2020
Response Via : Initial Calibration

Calibration Files
5 =VV019417.D 10 =VV019418.D 50 =VV019419.D
100 =VV019420.D 200 =VV019421.D

		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.492	0.572	0.643	0.695	0.680	0.616	13.66
54)	T	o-xylene	0.467	0.529	0.637	0.688	0.679	0.600	16.25
55)	T	Styrene	0.785	0.957	1.163	1.248	1.219	1.074	18.40
56)	T	Isopropylbenzene	1.220	1.418	1.646	1.787	1.790	1.572	15.79
57)	S	1,1,2,2-Tetrachloro	0.567	0.588	0.645	0.691	0.693	0.637	9.12
58)	T	1,1,2,2-Tetrachloro	0.478	0.553	0.609	0.655	0.658	0.591	12.86
59)	MA	1,2,3-Trichloroprop	0.491	0.551	0.550	0.572	0.546	0.542	5.56
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.526	0.555	0.583	0.613	0.581	0.572	5.73
62)	T	1,3-Dichlorobenzene	1.356	1.431	1.474	1.535	1.477	1.455	4.58
63)	T	1,4-Dichlorobenzene	1.487	1.560	1.528	1.569	1.500	1.529	2.37
64)	S	1,2-Dichlorobenzene	0.991	0.934	0.952	0.991	0.987	0.971	2.71
65)	T	1,2-Dichlorobenzene	1.401	1.498	1.500	1.568	1.501	1.493	3.99
66)	T	1,2-Dibromo-3-chlor	0.215	0.229	0.259	0.295	0.295	0.258	14.31
67)	MA	1,3,5-Trichlorobenz	0.960	1.017	1.057	1.142	1.119	1.059	7.03
68)	T	1,2,4-trichlorobenz	0.752	0.824	0.963	1.075	1.073	0.937	15.57
69)	MA	Naphthalene	1.391	1.761	2.552	3.075	3.140	2.384	32.84
70)	T	1,2,3-Trichlorobenz	0.790	0.901	1.019	1.115	1.074	0.980	13.59

(#) = Out of Range