Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM021220WMA.M
Title : VOC Analysis
Last Update : Thu Feb 13 05:40:08 2020
Response Via : Initial Calibration

Calibration Files
5 =VV014564.D 10 =VV014565.D 50 =VV014566.D
100 =VV014567.D 200 =VV014568.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.352	0.367	0.337	0.362	0.356	0.355	3.20
3)	T	Chloromethane	0.342	0.352	0.286	0.301	0.296	0.315	9.43
4)	S	Vinyl Chloride-d3	0.192	0.173	0.187	0.205	0.203	0.192	6.75
5)	T	Vinyl chloride	0.219	0.236	0.213	0.226	0.227	0.224	3.83
6)	T	Bromomethane	0.093	0.115	0.106	0.114	0.116	0.109	8.72
7)	S	Chloroethane-d5	0.137	0.129	0.130	0.142	0.137	0.135	4.08
8)	T	Chloroethane	0.116	0.120	0.106	0.110	0.110	0.113	5.13
9)	T	Trichlorofluorometh	0.367	0.410	0.367	0.398	0.393	0.387	4.96
10)	T	1,1,2-Trichloro-1,2	0.158	0.174	0.158	0.170	0.165	0.165	4.36
11)	S	1,1-Dichloroethene-	0.307	0.320	0.307	0.340	0.328	0.320	4.44
12)	T	1,1-Dichloroethene	0.147	0.164	0.145	0.159	0.152	0.153	5.20
13)	T	Acetone	0.111	0.144	0.126	0.166	0.136	0.137	14.94
14)	T	Carbon disulfide	0.735	0.783	0.710	0.765	0.760	0.751	3.79
15)	T	Methyl Acetate	0.243	0.262	0.257	0.274	0.273	0.262	4.79
16)	T	Methylene chloride	0.317	0.343	0.303	0.322	0.318	0.321	4.53
17)	T	trans-1,2-Dichloroe	0.303	0.317	0.290	0.304	0.299	0.302	3.20
18)	T	Methyl tert-butyl E	0.921	1.017	0.931	0.995	0.986	0.970	4.32
19)	T	1,1-Dichloroethane	0.514	0.552	0.509	0.540	0.537	0.530	3.50
20)	T	cis-1,2-Dichloroeth	0.336	0.364	0.337	0.359	0.353	0.350	3.65
21)	S	2-Butanone-d5	0.133	0.138	0.164	0.182	0.179	0.159	14.20
22)	T	2-Butanone	0.167	0.205	0.203	0.227	0.223	0.205	11.60
23)	T	Bromochloromethane	0.157	0.175	0.161	0.177	0.177	0.169	5.70
24)	S	Chloroform-d	0.509	0.532	0.550	0.613	0.596	0.560	7.71
25)	T	Chloroform	0.563	0.624	0.570	0.591	0.586	0.587	4.05
26)	S	1,2-Dichloroethane-	0.315	0.340	0.342	0.374	0.367	0.347	6.85
27)	T	1,2-Dichloroethane	0.408	0.424	0.421	0.457	0.454	0.433	4.95
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.482	0.526	0.480	0.517	0.498	0.501	4.04
30)	T	1,1,1-Trichloroetha	0.498	0.566	0.530	0.566	0.559	0.544	5.46
31)	T	Carbon tetrachlorid	0.453	0.518	0.470	0.510	0.505	0.491	5.78
32)	S	Benzene-d6	1.139	1.154	1.181	1.283	1.222	1.196	4.85
33)	T	Benzene	1.260	1.393	1.279	1.339	1.293	1.313	4.07
34)	T	Trichloroethene	0.337	0.375	0.340	0.363	0.355	0.354	4.43
35)	T	Methylcyclohexane	0.547	0.577	0.530	0.566	0.553	0.555	3.24
36)	S	1,2-Dichloropropane	0.340	0.351	0.355	0.385	0.371	0.360	4.87
37)	T	1,2-Dichloropropane	0.317	0.327	0.317	0.335	0.324	0.324	2.32
38)	T	Bromodichloromethan	0.448	0.497	0.451	0.492	0.488	0.475	5.01
39)	T	cis-1,3-Dichloropro	0.533	0.584	0.561	0.586	0.597	0.572	4.48
40)	T	4-Methyl-2-pentanon	0.366	0.422	0.390	0.420	0.405	0.400	5.77
41)	S	Toluene-d8	1.103	1.108	1.135	1.232	1.174	1.150	4.64
42)	T	Toluene	1.366	1.526	1.394	1.459	1.412	1.432	4.38
43)	S	trans-1,3-Dichlorop	0.173	0.192	0.196	0.219	0.214	0.199	9.35
44)	T	trans-1,3-Dichlorop	0.463	0.543	0.502	0.544	0.533	0.517	6.72
45)	T	1,1,2-Trichloroetha	0.316	0.359	0.323	0.344	0.333	0.335	5.16
46)	T	Tetrachloroethene	0.260	0.302	0.269	0.286	0.276	0.279	5.79
47)	S	2-Hexanone-d5	0.132	0.136	0.139	0.157	0.155	0.144	7.88
48)	T	2-Hexanone	0.277	0.325	0.297	0.337	0.324	0.312	7.79
49)	T	Dibromochloromethan	0.373	0.413	0.385	0.415	0.409	0.399	4.72
50)	T	1,2-Dibromoethane	0.338	0.383	0.349	0.374	0.367	0.362	5.07
51)	T	Chlorobenzene	0.921	1.035	0.924	0.967	0.939	0.957	4.94
52)	T	Ethylbenzene	1.546	1.741	1.577	1.656	1.599	1.624	4.73

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.625	0.677	0.606	0.644	0.618	0.634	4.39
54)	T	o-xylene	0.584	0.663	0.585	0.612	0.586	0.606	5.57
55)	T	Styrene	0.973	1.132	1.018	1.067	1.017	1.041	5.80
56)	T	Isopropylbenzene	1.574	1.727	1.553	1.636	1.570	1.612	4.45
57)	S	1,1,2,2-Tetrachloro	0.462	0.490	0.474	0.520	0.498	0.489	4.58
58)	T	1,1,2,2-Tetrachloro	0.507	0.565	0.511	0.538	0.523	0.529	4.45
59)		1,2,3-Trichloroprop	0.399	0.444	0.402	0.427	0.414	0.417	4.44
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.494	0.550	0.523	0.575	0.564	0.541	6.02
62)	T	1,3-Dichlorobenzene	1.500	1.605	1.459	1.524	1.474	1.512	3.79
63)	T	1,4-Dichlorobenzene	1.516	1.643	1.501	1.543	1.504	1.541	3.85
64)	S	1,2-Dichlorobenzene	0.906	0.863	0.852	0.917	0.879	0.883	3.14
65)	T	1,2-Dichlorobenzene	1.472	1.613	1.416	1.495	1.431	1.485	5.26
66)	T	1,2-Dibromo-3-chlor	0.222	0.257	0.230	0.252	0.250	0.242	6.35
67)		1,3,5-Trichlorobenz	1.074	1.156	1.027	1.107	1.073	1.087	4.40
68)	T	1,2,4-trichlorobenz	1.000	1.017	0.971	1.024	1.022	1.007	2.20
69)		Naphthalene	3.035	3.239	3.101	3.322	3.269	3.193	3.77
70)	T	1,2,3-Trichlorobenz	0.941	0.985	0.937	1.008	0.983	0.971	3.17

(#) = Out of Range