Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM022120WMA.M
Title : VOC Analysis
Last Update : Fri Feb 21 23:01:01 2020
Response Via : Initial Calibration

Calibration Files
5 =VV014646.D 10 =VV014647.D 50 =VV014648.D
100 =VV014649.D 200 =VV014650.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.371	0.341	0.347	0.349	0.359	0.353	3.36
3)	T	Chloromethane	0.201	0.184	0.170	0.186	0.193	0.187	6.20
4)	S	Vinyl Chloride-d3	0.191	0.182	0.186	0.200	0.218	0.195	7.35
5)	T	Vinyl chloride	0.192	0.176	0.175	0.189	0.206	0.188	6.79
6)	T	Bromomethane	0.123	0.116	0.113	0.094	0.111	0.111	9.74
7)	S	Chloroethane-d5	0.142	0.136	0.135	0.143	0.151	0.142	4.48
8)	T	Chloroethane	0.120	0.098	0.089	0.099	0.106	0.102	11.54
9)	T	Trichlorofluorometh	0.437	0.375	0.386	0.411	0.427	0.407	6.48
10)	T	1,1,2-Trichloro-1,2	0.175	0.162	0.165	0.170	0.175	0.169	3.31
11)	S	1,1-Dichloroethene-	0.357	0.348	0.358	0.371	0.385	0.364	4.00
12)	T	1,1-Dichloroethene	0.161	0.149	0.147	0.150	0.156	0.152	3.84
13)	T	Acetone	0.193	0.152	0.165	0.152	0.144	0.161	11.91
14)	T	Carbon disulfide	0.739	0.668	0.659	0.681	0.704	0.690	4.65
15)	T	Methyl Acetate	0.280	0.259	0.248	0.260	0.268	0.263	4.43
16)	T	Methylene chloride	0.341	0.314	0.310	0.309	0.316	0.318	4.15
17)	T	trans-1,2-Dichloroe	0.318	0.281	0.291	0.290	0.297	0.296	4.75
18)	T	Methyl tert-butyl E	0.992	0.976	0.980	0.998	1.022	0.994	1.82
19)	T	1,1-Dichloroethane	0.558	0.524	0.516	0.526	0.540	0.533	3.08
20)	T	cis-1,2-Dichloroeth	0.345	0.335	0.341	0.345	0.350	0.343	1.56
21)	S	2-Butanone-d5	0.166	0.170	0.190	0.188	0.193	0.182	6.87
22)	T	2-Butanone	0.208	0.188	0.212	0.201	0.211	0.204	4.90
23)	T	Bromochloromethane	0.178	0.169	0.175	0.173	0.176	0.174	1.98
24)	S	Chloroform-d	0.602	0.626	0.642	0.648	0.678	0.639	4.39
25)	T	Chloroform	0.632	0.613	0.609	0.622	0.624	0.620	1.48
26)	S	1,2-Dichloroethane-	0.390	0.388	0.414	0.420	0.432	0.409	4.72
27)	T	1,2-Dichloroethane	0.437	0.441	0.454	0.460	0.479	0.454	3.67
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.483	0.450	0.461	0.471	0.472	0.467	2.64
30)	T	1,1,1-Trichloroetha	0.597	0.564	0.568	0.585	0.593	0.581	2.57
31)	T	Carbon tetrachlorid	0.516	0.495	0.501	0.521	0.540	0.514	3.45
32)	S	Benzene-d6	1.248	1.286	1.357	1.370	1.356	1.323	4.06
33)	T	Benzene	1.327	1.285	1.268	1.289	1.279	1.289	1.75
34)	T	Trichloroethene	0.436	0.379	0.353	0.356	0.354	0.375	9.43
35)	T	Methylcyclohexane	0.544	0.498	0.540	0.552	0.545	0.536	4.07
36)	S	1,2-Dichloropropane	0.369	0.370	0.392	0.399	0.399	0.386	3.94
37)	T	1,2-Dichloropropane	0.330	0.299	0.316	0.319	0.314	0.315	3.58
38)	T	Bromodichloromethan	0.485	0.465	0.480	0.494	0.506	0.486	3.21
39)	T	cis-1,3-Dichloropro	0.540	0.538	0.566	0.576	0.595	0.563	4.31
40)	T	4-Methyl-2-pentanon	0.402	0.383	0.397	0.389	0.382	0.391	2.23
41)	S	Toluene-d8	1.229	1.243	1.303	1.314	1.285	1.275	2.91
42)	T	Toluene	1.402	1.374	1.385	1.413	1.397	1.394	1.07
43)	S	trans-1,3-Dichlorop	0.204	0.192	0.215	0.229	0.240	0.216	8.83
44)	T	trans-1,3-Dichlorop	0.482	0.471	0.517	0.537	0.549	0.511	6.66
45)	T	1,1,2-Trichloroetha	0.354	0.324	0.337	0.339	0.334	0.338	3.21
46)	T	Tetrachloroethene	0.286	0.261	0.267	0.272	0.271	0.272	3.35
47)	S	2-Hexanone-d5	0.134	0.145	0.164	0.164	0.167	0.155	9.36
48)	T	2-Hexanone	0.300	0.299	0.320	0.308	0.305	0.306	2.78
49)	T	Dibromochloromethan	0.375	0.383	0.402	0.421	0.425	0.401	5.56
50)	T	1,2-Dibromoethane	0.384	0.365	0.365	0.373	0.373	0.372	2.08
51)	T	Chlorobenzene	1.017	0.930	0.923	0.942	0.938	0.950	4.03
52)	T	Ethylbenzene	1.634	1.563	1.580	1.618	1.594	1.598	1.78

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.631	0.609	0.616	0.624	0.609	0.618	1.57
54)	T	o-xylene	0.628	0.597	0.594	0.601	0.587	0.601	2.60
55)	T	Styrene	0.989	0.962	1.013	1.038	1.011	1.002	2.85
56)	T	Isopropylbenzene	1.605	1.550	1.585	1.622	1.585	1.589	1.70
57)	S	1,1,2,2-Tetrachloro	0.496	0.531	0.557	0.555	0.534	0.535	4.58
58)	T	1,1,2,2-Tetrachloro	0.517	0.518	0.524	0.525	0.515	0.520	0.85
59)		1,2,3-Trichloroprop	0.448	0.417	0.425	0.424	0.419	0.427	2.92
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.511	0.502	0.550	0.559	0.592	0.543	6.77
62)	T	1,3-Dichlorobenzene	1.620	1.437	1.494	1.460	1.484	1.499	4.74
63)	T	1,4-Dichlorobenzene	1.669	1.510	1.494	1.484	1.513	1.534	4.97
64)	S	1,2-Dichlorobenzene	1.002	0.998	0.977	0.942	0.973	0.978	2.46
65)	T	1,2-Dichlorobenzene	1.571	1.524	1.474	1.434	1.460	1.493	3.67
66)	T	1,2-Dibromo-3-chlor	0.236	0.253	0.256	0.251	0.272	0.254	5.04
67)		1,3,5-Trichlorobenz	1.161	1.049	1.088	1.087	1.124	1.102	3.82
68)	T	1,2,4-trichlorobenz	1.069	0.967	1.019	1.027	1.086	1.033	4.52
69)		Naphthalene	3.788	3.131	3.415	3.412	3.610	3.471	7.08
70)	T	1,2,3-Trichlorobenz	1.145	1.005	1.030	1.035	1.094	1.062	5.34

(#) = Out of Range