Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM120720WMA.M
Title : VOC Analysis
Last Update : Mon Dec 07 14:41:02 2020
Response Via : Initial Calibration

Calibration Files
5 =VV019486.D 10 =VV019487.D 50 =VV019488.D
100 =VV019489.D 200 =VV019490.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.222	0.229	0.231	0.214	0.203	0.220	5.22
3)	T	Chloromethane	0.230	0.249	0.259	0.243	0.233	0.243	4.96
4)	S	Vinyl Chloride-d3	0.280	0.321	0.344	0.305	0.306	0.311	7.58
5)	T	Vinyl chloride	0.269	0.301	0.327	0.290	0.291	0.296	7.13
6)	T	Bromomethane	0.237	0.234	0.216	0.251	0.379	0.264	25.05
7)	S	Chloroethane-d5	0.290	0.314	0.294	0.289	0.392	0.316	13.84
8)	T	Chloroethane	0.228	0.239	0.232	0.227	0.218	0.229	3.30
9)	T	Trichlorofluorometh	0.475	0.501	0.501	0.480	0.463	0.484	3.47
10)	T	1,1,2-Trichloro-1,2	0.276	0.296	0.291	0.282	0.277	0.284	3.16
11)	S	1,1-Dichloroethene-	0.682	0.729	0.743	0.735	0.713	0.720	3.35
12)	T	1,1-Dichloroethene	0.261	0.271	0.268	0.269	0.264	0.267	1.44
13)	T	Acetone	0.309	0.306	0.285	0.252	0.265	0.283	8.78
14)	T	Carbon disulfide	0.759	0.729	0.727	0.724	0.703	0.728	2.75
15)	T	Methyl Acetate	0.385	0.451	0.484	0.482	0.464	0.453	8.95
16)	T	Methylene chloride	0.392	0.375	0.374	0.364	0.351	0.371	4.05
17)	T	trans-1,2-Dichloroe	0.292	0.301	0.313	0.308	0.303	0.303	2.68
18)	T	Methyl tert-butyl E	0.966	1.084	1.173	1.190	1.193	1.121	8.70
19)	T	1,1-Dichloroethane	0.681	0.716	0.733	0.726	0.708	0.713	2.87
20)	T	cis-1,2-Dichloroeth	0.326	0.340	0.365	0.368	0.366	0.353	5.40
21)	S	2-Butanone-d5	0.196	0.224	0.254	0.260	0.257	0.238	11.67
22)	T	2-Butanone	0.272	0.330	0.371	0.374	0.382	0.346	13.33
23)	T	Bromochloromethane	0.160	0.178	0.185	0.181	0.174	0.175	5.45
24)	S	Chloroform-d	0.674	0.726	0.743	0.744	0.718	0.721	3.97
25)	T	Chloroform	0.678	0.710	0.724	0.716	0.695	0.705	2.57
26)	S	1,2-Dichloroethane-	0.430	0.502	0.503	0.503	0.485	0.485	6.50
27)	T	1,2-Dichloroethane	0.523	0.577	0.606	0.588	0.580	0.575	5.45
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.446	0.465	0.536	0.559	0.553	0.512	10.26
30)	T	1,1,1-Trichloroetha	0.571	0.608	0.610	0.617	0.593	0.600	3.05
31)	T	Carbon tetrachlorid	0.470	0.494	0.506	0.503	0.486	0.492	2.97
32)	S	Benzene-d6	1.271	1.372	1.453	1.480	1.410	1.397	5.84
33)	T	Benzene	1.300	1.404	1.485	1.490	1.422	1.420	5.42
34)	T	Trichloroethene	0.411	0.422	0.395	0.388	0.373	0.398	4.81
35)	T	Methylcyclohexane	0.429	0.438	0.490	0.500	0.500	0.472	7.44
36)	S	1,2-Dichloropropane	0.447	0.469	0.486	0.498	0.478	0.476	4.07
37)	T	1,2-Dichloropropane	0.375	0.416	0.445	0.448	0.429	0.423	7.03
38)	T	Bromodichloromethan	0.493	0.529	0.569	0.578	0.557	0.545	6.34
39)	T	cis-1,3-Dichloropro	0.462	0.544	0.645	0.660	0.657	0.594	14.81
40)	T	4-Methyl-2-pentanon	0.471	0.568	0.687	0.712	0.697	0.627	16.61
41)	S	Toluene-d8	0.984	1.176	1.292	1.315	1.262	1.206	11.18
42)	T	Toluene	1.215	1.390	1.520	1.542	1.469	1.427	9.25
43)	S	trans-1,3-Dichlorop	0.185	0.220	0.235	0.250	0.244	0.227	11.47
44)	T	trans-1,3-Dichlorop	0.489	0.552	0.641	0.666	0.663	0.602	13.04
45)	T	1,1,2-Trichloroetha	0.350	0.386	0.389	0.392	0.377	0.379	4.51
46)	T	Tetrachloroethene	0.225	0.244	0.246	0.245	0.238	0.240	3.70
47)	S	2-Hexanone-d5	0.079	0.099	0.156	0.179	0.186	0.140	34.55
48)	T	2-Hexanone	0.406	0.466	0.548	0.553	0.546	0.504	12.97
49)	T	Dibromochloromethan	0.341	0.383	0.409	0.417	0.412	0.392	7.97
50)	T	1,2-Dibromoethane	0.338	0.372	0.385	0.391	0.382	0.374	5.66
51)	T	Chlorobenzene	0.882	0.935	0.947	0.952	0.931	0.930	3.00
52)	T	Ethylbenzene	1.293	1.444	1.645	1.714	1.665	1.552	11.46

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.456	0.520	0.583	0.604	0.593	0.551	11.34
54)	T	o-xylene	0.421	0.482	0.577	0.599	0.594	0.534	14.85
55)	T	Styrene	0.727	0.836	1.068	1.094	1.063	0.958	17.30
56)	T	Isopropylbenzene	1.126	1.330	1.562	1.639	1.596	1.450	14.99
57)	S	1,1,2,2-Tetrachloro	0.468	0.528	0.598	0.623	0.606	0.565	11.47
58)	T	1,1,2,2-Tetrachloro	0.462	0.532	0.614	0.641	0.628	0.575	13.29
59)	MA	1,2,3-Trichloroprop	0.478	0.524	0.544	0.546	0.527	0.524	5.25
60)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
61)	T	Bromoform	0.481	0.531	0.579	0.595	0.611	0.559	9.48
62)	T	1,3-Dichlorobenzene	1.312	1.419	1.468	1.493	1.462	1.431	4.98
63)	T	1,4-Dichlorobenzene	1.517	1.487	1.512	1.515	1.478	1.502	1.19
64)	S	1,2-Dichlorobenzene	0.861	0.900	0.905	0.943	0.925	0.907	3.40
65)	T	1,2-Dichlorobenzene	1.336	1.448	1.509	1.535	1.528	1.471	5.64
66)	T	1,2-Dibromo-3-chlor	0.228	0.260	0.293	0.331	0.341	0.291	16.38
67)	MA	1,3,5-Trichlorobenz	0.992	1.005	1.090	1.149	1.139	1.075	6.84
68)	T	1,2,4-trichlorobenz	0.748	0.782	0.980	1.094	1.118	0.945	18.24
69)	MA	Naphthalene	1.702	1.659	2.603	3.110	3.333	2.481	31.33
70)	T	1,2,3-Trichlorobenz	0.812	0.824	1.024	1.098	1.120	0.976	15.23

(#) = Out of Range