Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM122820WMA.M
Title : VOC Analysis
Last Update : Mon Dec 28 13:10:04 2020
Response Via : Initial Calibration

Calibration Files
5 =VV019843.D 10 =VV019844.D 50 =VV019845.D
100 =VV019846.D 200 =VV019847.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.394	0.403	0.373	0.385	0.385	0.388	2.90
3)	T	Chloromethane	0.487	0.484	0.457	0.482	0.467	0.475	2.76
4)	S	Vinyl Chloride-d3	0.364	0.390	0.389	0.404	0.387	0.387	3.77
5)	T	Vinyl chloride	0.462	0.475	0.449	0.479	0.458	0.464	2.63
6)	T	Bromomethane	0.287	0.297	0.268	0.281	0.274	0.281	3.97
7)	S	Chloroethane-d5	0.301	0.320	0.306	0.311	0.299	0.308	2.73
8)	T	Chloroethane	0.292	0.303	0.277	0.289	0.282	0.289	3.48
9)	T	Trichlorofluorometh	0.566	0.586	0.540	0.576	0.544	0.563	3.52
10)	T	1,1,2-Trichloro-1,2	0.320	0.332	0.303	0.317	0.312	0.317	3.34
11)	S	1,1-Dichloroethene-	0.717	0.742	0.721	0.756	0.720	0.731	2.32
12)	T	1,1-Dichloroethene	0.321	0.321	0.305	0.325	0.318	0.318	2.38
13)	T	Acetone	0.245	0.236	0.218	0.212	0.199	0.222	8.32
14)	T	Carbon disulfide	1.032	1.025	0.992	1.079	1.051	1.036	3.11
15)	T	Methyl Acetate	0.442	0.468	0.444	0.459	0.443	0.451	2.55
16)	T	Methylene chloride	0.411	0.412	0.382	0.401	0.390	0.399	3.24
17)	T	trans-1,2-Dichloroe	0.346	0.355	0.346	0.370	0.361	0.356	2.96
18)	T	Methyl tert-butyl E	1.168	1.185	1.166	1.254	1.233	1.201	3.32
19)	T	1,1-Dichloroethane	0.720	0.732	0.687	0.733	0.717	0.718	2.63
20)	T	cis-1,2-Dichloroeth	0.378	0.387	0.373	0.409	0.399	0.389	3.83
21)	S	2-Butanone-d5	0.261	0.284	0.296	0.305	0.288	0.287	5.86
22)	T	2-Butanone	0.301	0.301	0.312	0.328	0.315	0.312	3.63
23)	T	Bromochloromethane	0.190	0.196	0.185	0.196	0.194	0.192	2.50
24)	S	Chloroform-d	0.705	0.753	0.722	0.753	0.721	0.731	2.92
25)	T	Chloroform	0.703	0.722	0.686	0.725	0.705	0.708	2.25
26)	S	1,2-Dichloroethane-	0.445	0.482	0.480	0.503	0.480	0.478	4.38
27)	T	1,2-Dichloroethane	0.567	0.599	0.568	0.601	0.585	0.584	2.80
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.612	0.642	0.617	0.660	0.669	0.640	3.97
30)	T	1,1,1-Trichloroetha	0.644	0.642	0.616	0.653	0.646	0.640	2.25
31)	T	Carbon tetrachlorid	0.521	0.523	0.510	0.543	0.538	0.527	2.54
32)	S	Benzene-d6	1.357	1.450	1.445	1.506	1.441	1.440	3.71
33)	T	Benzene	1.529	1.601	1.540	1.618	1.575	1.573	2.44
34)	T	Trichloroethene	0.430	0.428	0.394	0.423	0.412	0.417	3.52
35)	T	Methylcyclohexane	0.608	0.620	0.606	0.643	0.652	0.626	3.32
36)	S	1,2-Dichloropropane	0.464	0.480	0.469	0.488	0.466	0.473	2.14
37)	T	1,2-Dichloropropane	0.396	0.438	0.415	0.435	0.427	0.422	4.02
38)	T	Bromodichloromethan	0.533	0.549	0.539	0.574	0.566	0.552	3.14
39)	T	cis-1,3-Dichloropro	0.597	0.602	0.648	0.711	0.694	0.651	8.02
40)	T	4-Methyl-2-pentanon	0.594	0.625	0.638	0.666	0.640	0.632	4.16
41)	S	Toluene-d8	1.174	1.291	1.290	1.356	1.297	1.281	5.16
42)	T	Toluene	1.531	1.601	1.589	1.689	1.643	1.611	3.68
43)	S	trans-1,3-Dichlorop	0.211	0.220	0.237	0.256	0.252	0.235	8.32
44)	T	trans-1,3-Dichlorop	0.578	0.588	0.627	0.690	0.689	0.634	8.44
45)	T	1,1,2-Trichloroetha	0.377	0.402	0.375	0.396	0.387	0.387	3.00
46)	T	Tetrachloroethene	0.280	0.284	0.265	0.286	0.278	0.279	2.90
47)	S	2-Hexanone-d5	0.145	0.168	0.215	0.229	0.222	0.196	18.95
48)	T	2-Hexanone	0.435	0.491	0.502	0.518	0.498	0.489	6.44
49)	T	Dibromochloromethan	0.372	0.394	0.387	0.425	0.425	0.401	5.90
50)	T	1,2-Dibromoethane	0.395	0.406	0.395	0.423	0.414	0.407	3.03
51)	T	Chlorobenzene	0.997	1.026	0.991	1.077	1.045	1.027	3.45
52)	T	Ethylbenzene	1.741	1.770	1.763	1.917	1.873	1.813	4.28

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.607	0.638	0.650	0.709	0.697	0.660	6.38
54)	T	o-xylene	0.595	0.626	0.627	0.693	0.687	0.646	6.61
55)	T	Styrene	0.984	1.070	1.120	1.224	1.212	1.122	8.92
56)	T	Isopropylbenzene	1.625	1.672	1.685	1.840	1.822	1.729	5.56
57)	S	1,1,2,2-Tetrachloro	0.558	0.595	0.626	0.658	0.642	0.616	6.51
58)	T	1,1,2,2-Tetrachloro	0.573	0.595	0.610	0.653	0.646	0.615	5.52
59)	MA	1,2,3-Trichloroprop	0.543	0.540	0.521	0.546	0.535	0.537	1.80
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.479	0.489	0.495	0.556	0.552	0.514	7.16
62)	T	1,3-Dichlorobenzene	1.495	1.529	1.462	1.587	1.538	1.522	3.08
63)	T	1,4-Dichlorobenzene	1.591	1.576	1.487	1.607	1.567	1.566	2.97
64)	S	1,2-Dichlorobenzene	0.908	0.987	0.943	0.987	0.956	0.956	3.44
65)	T	1,2-Dichlorobenzene	1.547	1.596	1.471	1.601	1.554	1.554	3.35
66)	T	1,2-Dibromo-3-chlor	0.258	0.268	0.300	0.335	0.317	0.296	10.89
67)	MA	1,3,5-Trichlorobenz	1.052	1.084	1.072	1.171	1.112	1.098	4.21
68)	T	1,2,4-trichlorobenz	0.860	0.934	0.970	1.089	1.037	0.978	9.13
69)	MA	Naphthalene	2.246	2.639	3.240	3.726	3.527	3.076	20.12
70)	T	1,2,3-Trichlorobenz	0.828	0.926	0.943	1.059	0.995	0.950	9.03

(#) = Out of Range