Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM013120WMA.M
Title : VOC Analysis
Last Update : Sat Feb 01 00:05:15 2020
Response Via : Initial Calibration

Calibration Files
5 =VU036649.D 10 =VU036650.D 50 =VU036651.D
100 =VU036652.D 200 =VU036653.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.341	0.405	0.423	0.396	0.404	0.394	7.86
3)	T	Chloromethane	0.447	0.507	0.501	0.464	0.489	0.482	5.28
4)	S	Vinyl Chloride-d3	0.408	0.451	0.473	0.474	0.473	0.456	6.25
5)	T	Vinyl chloride	0.442	0.507	0.520	0.499	0.507	0.495	6.13
6)	T	Bromomethane	0.241	0.281	0.281	0.228	0.207	0.248	13.17
7)	S	Chloroethane-d5	0.362	0.366	0.372	0.369	0.367	0.367	0.99
8)	T	Chloroethane	0.279	0.324	0.297	0.285	0.291	0.295	5.88
9)	T	Trichlorofluorometh	0.474	0.569	0.570	0.545	0.550	0.542	7.30
10)	T	1,1,2-Trichloro-1,2	0.272	0.320	0.333	0.315	0.319	0.312	7.41
11)	S	1,1-Dichloroethene-	0.649	0.708	0.737	0.729	0.744	0.713	5.38
12)	T	1,1-Dichloroethene	0.278	0.330	0.335	0.319	0.324	0.317	7.19
13)	T	Acetone	0.258	0.266	0.238	0.208	0.223	0.239	10.05
14)	T	Carbon disulfide	0.872	1.009	0.999	0.966	0.996	0.968	5.82
15)	T	Methyl Acetate	0.407	0.460	0.448	0.424	0.433	0.435	4.76
16)	T	Methylene chloride	0.385	0.427	0.408	0.384	0.389	0.399	4.67
17)	T	trans-1,2-Dichloroe	0.297	0.355	0.353	0.338	0.343	0.337	6.91
18)	T	Methyl tert-butyl E	1.028	1.273	1.263	1.198	1.208	1.194	8.23
19)	T	1,1-Dichloroethane	0.587	0.722	0.708	0.674	0.683	0.675	7.86
20)	T	cis-1,2-Dichloroeth	0.346	0.400	0.411	0.391	0.399	0.389	6.50
21)	S	2-Butanone-d5	0.295	0.273	0.262	0.278	0.295	0.281	5.13
22)	T	2-Butanone	0.308	0.345	0.333	0.314	0.331	0.326	4.60
23)	T	Bromochloromethane	0.155	0.184	0.189	0.180	0.185	0.179	7.61
24)	S	Chloroform-d	0.628	0.658	0.698	0.695	0.699	0.675	4.69
25)	T	Chloroform	0.578	0.674	0.682	0.649	0.654	0.647	6.33
26)	S	1,2-Dichloroethane-	0.421	0.447	0.445	0.451	0.448	0.442	2.77
27)	T	1,2-Dichloroethane	0.473	0.566	0.559	0.523	0.526	0.529	6.99
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.614	0.718	0.723	0.675	0.645	0.675	6.97
30)	T	1,1,1-Trichloroetha	0.492	0.600	0.594	0.561	0.539	0.557	7.87
31)	T	Carbon tetrachlorid	0.397	0.482	0.484	0.456	0.442	0.452	7.85
32)	S	Benzene-d6	1.453	1.555	1.558	1.541	1.463	1.514	3.40
33)	T	Benzene	1.433	1.723	1.703	1.586	1.522	1.593	7.67
34)	T	Trichloroethene	0.347	0.416	0.410	0.388	0.376	0.388	7.09
35)	T	Methylcyclohexane	0.596	0.693	0.713	0.670	0.648	0.664	6.84
36)	S	1,2-Dichloropropane	0.499	0.510	0.512	0.509	0.481	0.502	2.55
37)	T	1,2-Dichloropropane	0.383	0.477	0.460	0.427	0.413	0.432	8.67
38)	T	Bromodichloromethan	0.457	0.551	0.554	0.522	0.513	0.519	7.59
39)	T	cis-1,3-Dichloropro	0.580	0.716	0.731	0.702	0.690	0.684	8.75
40)	T	4-Methyl-2-pentanon	0.576	0.699	0.680	0.642	0.664	0.652	7.25
41)	S	Toluene-d8	1.347	1.398	1.444	1.422	1.372	1.397	2.77
42)	T	Toluene	1.518	1.850	1.816	1.706	1.659	1.710	7.75
43)	S	trans-1,3-Dichlorop	0.234	0.229	0.249	0.250	0.247	0.242	4.00
44)	T	trans-1,3-Dichlorop	0.523	0.631	0.637	0.612	0.615	0.604	7.65
45)	T	1,1,2-Trichloroetha	0.350	0.421	0.409	0.387	0.381	0.390	7.04
46)	T	Tetrachloroethene	0.267	0.333	0.292	0.269	0.265	0.285	10.09
47)	S	2-Hexanone-d5	0.251	0.274	0.282	0.286	0.293	0.277	5.77
48)	T	2-Hexanone	0.445	0.527	0.531	0.502	0.521	0.505	7.03
49)	T	Dibromochloromethan	0.328	0.393	0.412	0.388	0.397	0.384	8.44
50)	T	1,2-Dibromoethane	0.357	0.441	0.436	0.409	0.411	0.411	8.09
51)	T	Chlorobenzene	0.896	1.084	1.065	1.012	1.030	1.018	7.25
52)	T	Ethylbenzene	1.635	1.975	1.990	1.880	1.891	1.874	7.58

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.591	0.739	0.733	0.693	0.700	0.691	8.58
54)	T	o-xylene	0.602	0.739	0.740	0.695	0.707	0.696	8.10
55)	T	Styrene	0.999	1.198	1.262	1.206	1.254	1.184	9.04
56)	T	Isopropylbenzene	1.523	1.906	1.900	1.810	1.844	1.797	8.81
57)	S	1,1,2,2-Tetrachloro	0.656	0.702	0.720	0.720	0.738	0.707	4.43
58)	T	1,1,2,2-Tetrachloro	0.599	0.744	0.742	0.704	0.725	0.703	8.56
59)		1,2,3-Trichloroprop	0.517	0.624	0.595	0.556	0.574	0.573	7.00
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.534	0.647	0.653	0.628	0.646	0.622	8.06
62)	T	1,3-Dichlorobenzene	1.474	1.715	1.740	1.664	1.677	1.654	6.36
63)	T	1,4-Dichlorobenzene	1.470	1.734	1.723	1.637	1.656	1.644	6.42
64)	S	1,2-Dichlorobenzene	1.029	1.069	1.071	1.056	1.044	1.054	1.68
65)	T	1,2-Dichlorobenzene	1.485	1.775	1.764	1.650	1.645	1.664	7.03
66)	T	1,2-Dibromo-3-chlor	0.309	0.376	0.356	0.344	0.345	0.346	7.05
67)		1,3,5-Trichlorobenz	0.964	1.104	1.191	1.151	1.157	1.113	8.01
68)	T	1,2,4-trichlorobenz	0.769	0.822	0.998	1.007	1.034	0.926	13.11
69)		Naphthalene	3.123	3.263	3.775	3.760	3.845	3.553	9.40
70)	T	1,2,3-Trichlorobenz	0.850	0.897	1.023	1.003	1.017	0.958	8.26

(#) = Out of Range