Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
Method File : SOMULM040320WMA.M
Title : VOC Analysis
Last Update : Sat Apr 04 03:34:53 2020
Response Via : Initial Calibration

Calibration Files
5 =VU037559.D 10 =VU037565.D 50 =VU037561.D
100 =VU037562.D 200 =VU037563.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.398	0.328	0.304	0.297	0.290	0.323	13.63
3)	T	Chloromethane	0.408	0.348	0.324	0.321	0.313	0.343	11.32
4)	S	Vinyl Chloride-d3	0.500	0.378	0.392	0.384	0.376	0.406	13.02
5)	T	Vinyl chloride	0.385	0.359	0.327	0.321	0.310	0.340	9.05
6)	T	Bromomethane	0.190	0.171	0.157	0.158	0.162	0.168	8.22
7)	S	Chloroethane-d5	0.433	0.309	0.299	0.298	0.292	0.326	18.37
8)	T	Chloroethane	0.230	0.218	0.192	0.184	0.180	0.201	11.12
9)	T	Trichlorofluorometh	0.557	0.496	0.467	0.454	0.441	0.483	9.54
10)	T	1,1,2-Trichloro-1,2	0.305	0.304	0.265	0.253	0.251	0.276	9.79
11)	S	1,1-Dichloroethene-	0.800	0.678	0.658	0.638	0.639	0.683	9.93
12)	T	1,1-Dichloroethene	0.279	0.298	0.264	0.254	0.243	0.267	7.99
13)	T	Acetone	0.239	0.176	0.167	0.154	0.146	0.176	20.75
14)	T	Carbon disulfide	0.905	0.811	0.737	0.712	0.698	0.773	11.12
15)	T	Methyl Acetate	0.449	0.438	0.375	0.373	0.364	0.400	10.08
16)	T	Methylene chloride	0.366	0.353	0.312	0.299	0.292	0.324	10.21
17)	T	trans-1,2-Dichloroe	0.350	0.298	0.275	0.262	0.255	0.288	13.29
18)	T	Methyl tert-butyl E	1.151	1.055	0.980	0.950	0.911	1.010	9.43
19)	T	1,1-Dichloroethane	0.653	0.588	0.549	0.519	0.513	0.564	10.23
20)	T	cis-1,2-Dichloroeth	0.377	0.357	0.317	0.308	0.300	0.332	10.07
21)	S	2-Butanone-d5	0.327	0.318	0.296	0.295	0.291	0.305	5.20
22)	T	2-Butanone	0.338	0.298	0.275	0.269	0.259	0.288	10.95
23)	T	Bromochloromethane	0.178	0.171	0.154	0.147	0.145	0.159	9.30
24)	S	Chloroform-d	0.784	0.678	0.658	0.654	0.647	0.684	8.30
25)	T	Chloroform	0.723	0.601	0.565	0.531	0.520	0.588	13.91
26)	S	1,2-Dichloroethane-	0.581	0.441	0.414	0.421	0.414	0.454	15.84
27)	T	1,2-Dichloroethane	0.513	0.467	0.444	0.427	0.419	0.454	8.31
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.603	0.535	0.515	0.491	0.476	0.524	9.49
30)	T	1,1,1-Trichloroetha	0.615	0.540	0.521	0.496	0.479	0.530	9.99
31)	T	Carbon tetrachlorid	0.499	0.463	0.415	0.408	0.397	0.436	9.90
32)	S	Benzene-d6	1.734	1.439	1.391	1.355	1.324	1.449	11.40
33)	T	Benzene	1.506	1.385	1.265	1.226	1.169	1.310	10.32
34)	T	Trichloroethene	0.406	0.364	0.326	0.312	0.304	0.343	12.36
35)	T	Methylcyclohexane	0.617	0.566	0.517	0.481	0.466	0.529	11.78
36)	S	1,2-Dichloropropane	0.608	0.459	0.466	0.459	0.447	0.488	13.84
37)	T	1,2-Dichloropropane	0.434	0.402	0.359	0.341	0.330	0.373	11.80
38)	T	Bromodichloromethan	0.561	0.501	0.469	0.456	0.441	0.485	9.81
39)	T	cis-1,3-Dichloropro	0.666	0.605	0.559	0.557	0.529	0.583	9.21
40)	T	4-Methyl-2-pentanon	0.680	0.633	0.585	0.568	0.563	0.606	8.20
41)	S	Toluene-d8	1.650	1.328	1.273	1.268	1.232	1.350	12.66
42)	T	Toluene	1.658	1.489	1.361	1.311	1.270	1.418	11.11
43)	S	trans-1,3-Dichlorop	0.326	0.259	0.246	0.248	0.245	0.265	13.15
44)	T	trans-1,3-Dichlorop	0.648	0.582	0.561	0.540	0.540	0.574	7.81
45)	T	1,1,2-Trichloroetha	0.377	0.356	0.338	0.322	0.312	0.341	7.67
46)	T	Tetrachloroethene	0.287	0.238	0.216	0.207	0.202	0.230	15.02
47)	S	2-Hexanone-d5	0.306	0.260	0.241	0.241	0.245	0.258	10.65
48)	T	2-Hexanone	0.508	0.511	0.447	0.449	0.440	0.471	7.50
49)	T	Dibromochloromethan	0.453	0.380	0.363	0.353	0.351	0.380	11.20
50)	T	1,2-Dibromoethane	0.420	0.396	0.360	0.356	0.342	0.375	8.60
51)	T	Chlorobenzene	1.046	0.894	0.838	0.819	0.800	0.879	11.34
52)	T	Ethylbenzene	1.869	1.648	1.548	1.497	1.455	1.603	10.29

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.721	0.617	0.571	0.551	0.530	0.598	12.67
54)	T	o-xylene	0.647	0.607	0.558	0.541	0.528	0.576	8.60
55)	T	Styrene	1.174	1.061	0.965	0.952	0.951	1.021	9.54
56)	T	Isopropylbenzene	1.770	1.636	1.503	1.470	1.434	1.563	8.89
57)	S	1,1,2,2-Tetrachloro	0.801	0.694	0.655	0.664	0.672	0.697	8.56
58)	T	1,1,2,2-Tetrachloro	0.664	0.654	0.586	0.586	0.582	0.614	6.65
59)		1,2,3-Trichloroprop	0.520	0.500	0.466	0.457	0.457	0.480	5.94
60)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------		
61)	T	Bromoform	0.564	0.609	0.572	0.559	0.554	0.572	3.81
62)	T	1,3-Dichlorobenzene	1.643	1.570	1.389	1.328	1.290	1.444	10.71
63)	T	1,4-Dichlorobenzene	1.695	1.565	1.397	1.336	1.292	1.457	11.57
64)	S	1,2-Dichlorobenzene	1.252	1.050	0.954	0.928	0.918	1.020	13.67
65)	T	1,2-Dichlorobenzene	1.648	1.548	1.367	1.321	1.264	1.430	11.31
66)	T	1,2-Dibromo-3-chlor	0.376	0.352	0.339	0.329	0.319	0.343	6.48
67)		1,3,5-Trichlorobenz	1.159	1.078	0.959	0.927	0.887	1.002	11.27
68)	T	1,2,4-trichlorobenz	1.043	1.029	0.934	0.898	0.873	0.955	8.07
69)		Naphthalene	5.158	4.509	3.682	3.523	3.364	4.047	18.82
70)	T	1,2,3-Trichlorobenz	1.014	1.115	0.930	0.901	0.865	0.965	10.41

(#) = Out of Range