Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM100319WMA.M
Title : VOC Analysis
Last Update : Fri Oct 04 05:39:59 2019
Response Via : Initial Calibration

Calibration Files
5 =VU034911.D 10 =VU034912.D 50 =VU034913.D
100 =VU034914.D 200 =VU034915.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.404	0.435	0.429	0.423	0.442	0.427	3.37
3)	T	Chloromethane	0.433	0.499	0.487	0.470	0.491	0.476	5.50
4)	S	Vinyl Chloride-d3	0.410	0.393	0.391	0.406	0.409	0.402	2.30
5)	T	Vinyl chloride	0.402	0.462	0.460	0.456	0.470	0.450	6.04
6)	T	Bromomethane	0.235	0.267	0.260	0.263	0.285	0.262	6.85
7)	S	Chloroethane-d5	0.305	0.311	0.300	0.305	0.293	0.303	2.25
8)	T	Chloroethane	0.246	0.281	0.267	0.261	0.264	0.264	4.80
9)	T	Trichlorofluorometh	0.490	0.561	0.535	0.524	0.541	0.530	4.94
10)	T	1,1,2-Trichloro-1,2	0.266	0.323	0.305	0.297	0.305	0.299	6.98
11)	S	1,1-Dichloroethene-	0.705	0.709	0.706	0.708	0.721	0.710	0.92
12)	T	1,1-Dichloroethene	0.241	0.303	0.299	0.292	0.302	0.287	9.20
13)	T	Acetone	0.250	0.279	0.291	0.291	0.290	0.280	6.29
14)	T	Carbon disulfide	0.857	0.953	0.965	0.971	0.998	0.949	5.68
15)	T	Methyl Acetate	0.350	0.431	0.446	0.443	0.451	0.424	9.93
16)	T	Methylene chloride	0.333	0.389	0.369	0.365	0.365	0.364	5.45
17)	T	trans-1,2-Dichloroe	0.285	0.328	0.331	0.328	0.335	0.321	6.35
18)	T	Methyl tert-butyl E	0.961	1.111	1.113	1.102	1.120	1.082	6.24
19)	T	1,1-Dichloroethane	0.585	0.682	0.665	0.655	0.665	0.650	5.84
20)	T	cis-1,2-Dichloroeth	0.308	0.371	0.374	0.374	0.383	0.362	8.45
21)	S	2-Butanone-d5	0.256	0.274	0.302	0.323	0.325	0.296	10.30
22)	T	2-Butanone	0.256	0.298	0.357	0.362	0.376	0.330	15.34
23)	T	Bromochloromethane	0.156	0.185	0.188	0.185	0.189	0.181	7.69
24)	S	Chloroform-d	0.597	0.653	0.662	0.676	0.679	0.653	5.11
25)	T	Chloroform	0.628	0.682	0.677	0.658	0.662	0.661	3.20
26)	S	1,2-Dichloroethane-	0.458	0.435	0.440	0.444	0.441	0.444	1.92
27)	T	1,2-Dichloroethane	0.477	0.532	0.550	0.531	0.542	0.526	5.43
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.542	0.619	0.626	0.612	0.621	0.604	5.77
30)	T	1,1,1-Trichloroetha	0.470	0.570	0.565	0.550	0.555	0.542	7.55
31)	T	Carbon tetrachlorid	0.418	0.481	0.492	0.482	0.490	0.473	6.57
32)	S	Benzene-d6	1.419	1.375	1.434	1.420	1.382	1.406	1.83
33)	T	Benzene	1.313	1.507	1.546	1.484	1.452	1.460	6.11
34)	T	Trichloroethene	0.332	0.380	0.384	0.370	0.375	0.368	5.73
35)	T	Methylcyclohexane	0.556	0.596	0.618	0.599	0.618	0.597	4.24
36)	S	1,2-Dichloropropane	0.479	0.455	0.462	0.469	0.456	0.464	2.25
37)	T	1,2-Dichloropropane	0.377	0.423	0.421	0.407	0.408	0.407	4.47
38)	T	Bromodichloromethan	0.442	0.509	0.508	0.503	0.509	0.494	5.96
39)	T	cis-1,3-Dichloropro	0.502	0.600	0.651	0.659	0.672	0.617	11.29
40)	T	4-Methyl-2-pentanon	0.529	0.627	0.653	0.658	0.687	0.630	9.64
41)	S	Toluene-d8	1.304	1.273	1.336	1.356	1.325	1.319	2.40
42)	T	Toluene	1.366	1.616	1.644	1.612	1.611	1.570	7.32
43)	S	trans-1,3-Dichlorop	0.177	0.178	0.218	0.233	0.234	0.208	13.74
44)	T	trans-1,3-Dichlorop	0.410	0.516	0.579	0.590	0.608	0.541	14.93
45)	T	1,1,2-Trichloroetha	0.308	0.379	0.372	0.364	0.366	0.358	7.91
46)	T	Tetrachloroethene	0.274	0.296	0.300	0.295	0.294	0.292	3.49
47)	S	2-Hexanone-d5	0.181	0.194	0.223	0.246	0.256	0.220	14.60
48)	T	2-Hexanone	0.334	0.452	0.527	0.529	0.561	0.481	19.01
49)	T	Dibromochloromethan	0.315	0.382	0.407	0.411	0.423	0.387	11.21
50)	T	1,2-Dibromoethane	0.325	0.379	0.406	0.404	0.409	0.385	9.19
51)	T	Chlorobenzene	0.896	1.035	1.025	1.022	1.034	1.002	5.98
52)	T	Ethylbenzene	1.501	1.758	1.806	1.800	1.847	1.743	7.95

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.558	0.641	0.674	0.670	0.686	0.645	8.03
54)	T	o-xylene	0.534	0.628	0.665	0.663	0.684	0.635	9.40
55)	T	Styrene	0.870	1.008	1.126	1.135	1.184	1.065	11.87
56)	T	Isopropylbenzene	1.433	1.650	1.737	1.739	1.796	1.671	8.55
57)	S	1,1,2,2-Tetrachloro	0.646	0.626	0.657	0.678	0.688	0.659	3.77
58)	T	1,1,2,2-Tetrachloro	0.554	0.667	0.673	0.675	0.697	0.653	8.67
59)		1,2,3-Trichloroprop	0.464	0.539	0.538	0.536	0.554	0.526	6.74
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.515	0.622	0.614	0.633	0.649	0.607	8.66
62)	T	1,3-Dichlorobenzene	1.440	1.621	1.558	1.585	1.578	1.556	4.42
63)	T	1,4-Dichlorobenzene	1.430	1.674	1.540	1.573	1.561	1.556	5.61
64)	S	1,2-Dichlorobenzene	1.081	1.028	0.998	1.024	1.002	1.027	3.22
65)	T	1,2-Dichlorobenzene	1.431	1.684	1.573	1.569	1.552	1.562	5.76
66)	T	1,2-Dibromo-3-chlor	0.209	0.256	0.285	0.302	0.309	0.272	14.94
67)		1,3,5-Trichlorobenz	0.883	1.002	1.083	1.117	1.134	1.044	9.90
68)	T	1,2,4-trichlorobenz	0.502	0.653	0.839	0.947	1.027	0.794	27.11
69)		Naphthalene	1.330	1.760	2.575	3.040	3.333	2.408	35.15
70)	T	1,2,3-Trichlorobenz	0.651	0.737	0.863	0.946	0.990	0.837	16.96

(#) = Out of Range