Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM042719WMA.M
Title : VOC Analysis
Last Update : Sat Apr 27 00:11:31 2019
Response Via : Initial Calibration

Calibration Files
5 =VU031520.D 10 =VU031521.D 50 =VU031522.D
100 =VU031523.D 200 =VU031524.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.614	0.593	0.529	0.520	0.493	0.550	9.30
3)	T	Chloromethane	0.721	0.756	0.642	0.617	0.590	0.665	10.56
4)	S	Vinyl Chloride-d3	0.426	0.437	0.425	0.412	0.392	0.418	4.12
5)	T	Vinyl chloride	0.682	0.679	0.603	0.585	0.560	0.622	8.96
6)	T	Bromomethane	0.376	0.355	0.310	0.307	0.293	0.328	10.77
7)	S	Chloroethane-d5	0.325	0.340	0.326	0.320	0.305	0.323	3.93
8)	T	Chloroethane	0.375	0.376	0.332	0.318	0.298	0.340	10.25
9)	T	Trichlorofluorometh	0.789	0.769	0.686	0.665	0.635	0.709	9.43
10)	T	1,1,2-Trichloro-1,2	0.451	0.433	0.385	0.379	0.357	0.401	9.89
11)	S	1,1-Dichloroethene-	0.854	0.866	0.837	0.820	0.790	0.833	3.59
12)	T	1,1-Dichloroethene	0.429	0.422	0.377	0.369	0.353	0.390	8.60
13)	T	Acetone	0.526	0.491	0.414	0.371	0.333	0.427	18.87
14)	T	Carbon disulfide	1.453	1.417	1.236	1.207	1.161	1.295	10.16
15)	T	Methyl Acetate	0.702	0.690	0.632	0.614	0.592	0.646	7.42
16)	T	Methylene chloride	0.508	0.507	0.443	0.434	0.410	0.460	9.71
17)	T	trans-1,2-Dichloroe	0.444	0.437	0.389	0.388	0.375	0.406	7.78
18)	T	Methyl tert-butyl E	1.299	1.332	1.270	1.289	1.285	1.295	1.79
19)	T	1,1-Dichloroethane	0.912	0.916	0.841	0.818	0.794	0.856	6.44
20)	T	cis-1,2-Dichloroeth	0.450	0.450	0.431	0.427	0.422	0.436	3.02
21)	S	2-Butanone-d5	0.304	0.372	0.403	0.410	0.407	0.379	11.77
22)	T	2-Butanone	0.415	0.513	0.490	0.486	0.461	0.473	7.90
23)	T	Bromochloromethane	0.221	0.234	0.204	0.203	0.196	0.212	7.30
24)	S	Chloroform-d	0.752	0.786	0.783	0.766	0.745	0.766	2.38
25)	T	Chloroform	0.874	0.891	0.802	0.780	0.747	0.819	7.56
26)	S	1,2-Dichloroethane-	0.478	0.537	0.513	0.498	0.478	0.501	4.98
27)	T	1,2-Dichloroethane	0.716	0.731	0.643	0.627	0.607	0.665	8.29
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.771	0.766	0.783	0.805	0.831	0.791	3.41
30)	T	1,1,1-Trichloroetha	0.721	0.768	0.672	0.673	0.668	0.701	6.25
31)	T	Carbon tetrachlorid	0.626	0.633	0.579	0.578	0.578	0.599	4.71
32)	S	Benzene-d6	1.442	1.552	1.549	1.565	1.569	1.535	3.43
33)	T	Benzene	1.794	1.988	1.800	1.798	1.811	1.838	4.57
34)	T	Trichloroethene	0.468	0.452	0.434	0.432	0.442	0.446	3.38
35)	T	Methylcyclohexane	0.626	0.638	0.661	0.696	0.718	0.668	5.78
36)	S	1,2-Dichloropropane	0.513	0.552	0.538	0.547	0.551	0.540	2.96
37)	T	1,2-Dichloropropane	0.522	0.570	0.508	0.505	0.505	0.522	5.36
38)	T	Bromodichloromethan	0.629	0.695	0.615	0.615	0.610	0.633	5.61
39)	T	cis-1,3-Dichloropro	0.595	0.666	0.669	0.746	0.773	0.690	10.24
40)	T	4-Methyl-2-pentanon	0.765	0.816	0.791	0.818	0.824	0.803	3.06
41)	S	Toluene-d8	1.171	1.315	1.389	1.405	1.406	1.337	7.48
42)	T	Toluene	1.706	1.927	1.832	1.846	1.846	1.831	4.34
43)	S	trans-1,3-Dichlorop	0.197	0.211	0.242	0.253	0.257	0.232	11.45
44)	T	trans-1,3-Dichlorop	0.564	0.628	0.619	0.640	0.677	0.625	6.50
45)	T	1,1,2-Trichloroetha	0.438	0.457	0.424	0.416	0.417	0.430	3.98
46)	T	Tetrachloroethene	0.315	0.316	0.290	0.297	0.301	0.304	3.77
47)	S	2-Hexanone-d5	0.173	0.216	0.242	0.261	0.278	0.234	17.56
48)	T	2-Hexanone	0.605	0.653	0.662	0.659	0.668	0.649	3.89
49)	T	Dibromochloromethan	0.441	0.464	0.442	0.444	0.447	0.448	2.08
50)	T	1,2-Dibromoethane	0.468	0.475	0.439	0.448	0.441	0.454	3.63
51)	T	Chlorobenzene	1.073	1.147	1.055	1.069	1.066	1.082	3.42
52)	T	Ethylbenzene	1.755	1.883	1.903	1.963	1.993	1.900	4.86

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.594	0.632	0.654	0.715	0.714	0.662	7.96
54)	T	o-xylene	0.592	0.632	0.670	0.690	0.698	0.656	6.69
55)	T	Styrene	0.938	1.067	1.176	1.209	1.215	1.121	10.55
56)	T	Isopropylbenzene	1.531	1.690	1.754	1.815	1.835	1.725	7.09
57)	S	1,1,2,2-Tetrachloro	0.691	0.754	0.724	0.722	0.734	0.725	3.11
58)	T	1,1,2,2-Tetrachloro	0.779	0.819	0.737	0.738	0.744	0.763	4.68
59)		1,2,3-Trichloroprop	0.649	0.673	0.594	0.592	0.586	0.619	6.40
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.810	0.827	0.707	0.678	0.685	0.741	9.66
62)	T	1,3-Dichlorobenzene	1.691	1.776	1.615	1.585	1.609	1.655	4.74
63)	T	1,4-Dichlorobenzene	1.838	1.804	1.663	1.628	1.639	1.714	5.76
64)	S	1,2-Dichlorobenzene	1.038	1.118	1.056	1.025	1.020	1.052	3.78
65)	T	1,2-Dichlorobenzene	1.899	1.895	1.716	1.645	1.640	1.759	7.36
66)	T	1,2-Dibromo-3-chlor	0.433	0.451	0.402	0.376	0.380	0.408	8.02
67)		1,3,5-Trichlorobenz	1.320	1.261	1.192	1.202	1.222	1.240	4.20
68)	T	1,2,4-trichlorobenz	0.869	0.929	0.984	1.033	1.091	0.981	8.83
69)		Naphthalene	2.903	2.819	3.410	3.751	3.847	3.346	14.11
70)	T	1,2,3-Trichlorobenz	1.158	1.106	1.106	1.102	1.114	1.117	2.09

(#) = Out of Range