Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
Method File : SOMULM051419WMA.M
Title : VOC Analysis
Last Update : Wed May 15 04:26:34 2019
Response Via : Initial Calibration

Calibration Files
5 =VU031982.D 10 =VU031983.D 50 =VU031988.D
100 =VU031985.D 200 =VU031986.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.530	0.510	0.439	0.416	0.406	0.460	12.22
3)	T	Chloromethane	0.593	0.576	0.494	0.458	0.450	0.514	12.94
4)	S	Vinyl Chloride-d3	0.482	0.452	0.429	0.423	0.408	0.439	6.54
5)	T	Vinyl chloride	0.616	0.580	0.515	0.495	0.487	0.539	10.49
6)	T	Bromomethane	0.329	0.310	0.270	0.264	0.243	0.283	12.39
7)	S	Chloroethane-d5	0.378	0.374	0.354	0.343	0.327	0.355	6.04
8)	T	Chloroethane	0.375	0.350	0.300	0.290	0.279	0.319	13.09
9)	T	Trichlorofluorometh	0.713	0.668	0.574	0.552	0.539	0.610	12.64
10)	T	1,1,2-Trichloro-1,2	0.441	0.399	0.354	0.337	0.328	0.372	12.73
11)	S	1,1-Dichloroethene-	0.851	0.835	0.765	0.746	0.735	0.786	6.76
12)	T	1,1-Dichloroethene	0.415	0.395	0.354	0.346	0.336	0.369	9.29
13)	T	Acetone	0.374	0.377	0.303	0.274	0.252	0.316	18.08
14)	T	Carbon disulfide	1.340	1.302	1.128	1.105	1.089	1.193	9.97
15)	T	Methyl Acetate	0.544	0.510	0.461	0.450	0.433	0.480	9.62
16)	T	Methylene chloride	0.511	0.501	0.428	0.410	0.402	0.450	11.44
17)	T	trans-1,2-Dichloroe	0.430	0.396	0.371	0.363	0.360	0.384	7.62
18)	T	Methyl tert-butyl E	1.208	1.216	1.155	1.160	1.163	1.180	2.46
19)	T	1,1-Dichloroethane	0.838	0.817	0.723	0.702	0.692	0.754	9.04
20)	T	cis-1,2-Dichloroeth	0.452	0.436	0.417	0.412	0.408	0.425	4.39
21)	S	2-Butanone-d5	0.282	0.297	0.316	0.321	0.320	0.307	5.53
22)	T	2-Butanone	0.355	0.370	0.376	0.366	0.355	0.364	2.58
23)	T	Bromochloromethane	0.228	0.228	0.202	0.193	0.190	0.208	8.98
24)	S	Chloroform-d	0.769	0.765	0.726	0.713	0.700	0.734	4.25
25)	T	Chloroform	0.837	0.813	0.709	0.692	0.677	0.745	9.89
26)	S	1,2-Dichloroethane-	0.501	0.481	0.452	0.444	0.434	0.463	5.98
27)	T	1,2-Dichloroethane	0.631	0.625	0.553	0.543	0.534	0.577	8.14
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.560	0.595	0.622	0.649	0.639	0.613	5.88
30)	T	1,1,1-Trichloroetha	0.650	0.625	0.546	0.547	0.531	0.580	9.25
31)	T	Carbon tetrachlorid	0.536	0.520	0.459	0.455	0.449	0.484	8.41
32)	S	Benzene-d6	1.454	1.452	1.461	1.464	1.407	1.448	1.60
33)	T	Benzene	1.758	1.735	1.598	1.575	1.523	1.638	6.30
34)	T	Trichloroethene	0.444	0.429	0.384	0.388	0.383	0.406	7.10
35)	T	Methylcyclohexane	0.632	0.586	0.618	0.638	0.636	0.622	3.51
36)	S	1,2-Dichloropropane	0.491	0.489	0.466	0.476	0.466	0.478	2.55
37)	T	1,2-Dichloropropane	0.469	0.470	0.425	0.426	0.410	0.440	6.34
38)	T	Bromodichloromethan	0.588	0.561	0.509	0.519	0.511	0.538	6.61
39)	T	cis-1,3-Dichloropro	0.581	0.599	0.628	0.650	0.664	0.625	5.52
40)	T	4-Methyl-2-pentanon	0.540	0.580	0.600	0.625	0.639	0.597	6.51
41)	S	Toluene-d8	1.223	1.265	1.319	1.364	1.314	1.297	4.18
42)	T	Toluene	1.643	1.716	1.691	1.690	1.663	1.681	1.69
43)	S	trans-1,3-Dichlorop	0.193	0.196	0.211	0.225	0.229	0.211	7.74
44)	T	trans-1,3-Dichlorop	0.522	0.529	0.545	0.563	0.583	0.548	4.60
45)	T	1,1,2-Trichloroetha	0.434	0.434	0.381	0.386	0.382	0.403	6.93
46)	T	Tetrachloroethene	0.312	0.300	0.274	0.275	0.270	0.286	6.53
47)	S	2-Hexanone-d5	0.140	0.166	0.203	0.225	0.235	0.194	20.65
48)	T	2-Hexanone	0.405	0.487	0.493	0.517	0.520	0.484	9.60
49)	T	Dibromochloromethan	0.425	0.417	0.385	0.393	0.403	0.405	4.04
50)	T	1,2-Dibromoethane	0.462	0.440	0.406	0.414	0.412	0.427	5.51
51)	T	Chlorobenzene	1.165	1.116	1.015	1.017	1.023	1.067	6.50
52)	T	Ethylbenzene	1.696	1.788	1.790	1.855	1.864	1.799	3.75

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.593	0.626	0.678	0.692	0.693	0.656	6.83
54)	T	o-xylene	0.574	0.624	0.665	0.685	0.692	0.648	7.57
55)	T	Styrene	0.910	1.075	1.152	1.197	1.229	1.112	11.43
56)	T	Isopropylbenzene	1.470	1.596	1.680	1.755	1.801	1.660	7.93
57)	S	1,1,2,2-Tetrachloro	0.710	0.693	0.690	0.717	0.724	0.707	2.09
58)	T	1,1,2,2-Tetrachloro	0.763	0.772	0.685	0.702	0.718	0.728	5.23
59)		1,2,3-Trichloroprop	0.619	0.596	0.542	0.554	0.558	0.574	5.63
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.713	0.744	0.628	0.619	0.633	0.667	8.53
62)	T	1,3-Dichlorobenzene	1.682	1.712	1.597	1.589	1.600	1.636	3.48
63)	T	1,4-Dichlorobenzene	1.937	1.829	1.672	1.605	1.609	1.730	8.47
64)	S	1,2-Dichlorobenzene	1.079	1.076	1.061	1.035	1.011	1.052	2.76
65)	T	1,2-Dichlorobenzene	1.818	1.885	1.695	1.650	1.620	1.734	6.55
66)	T	1,2-Dibromo-3-chlor	0.344	0.365	0.321	0.326	0.318	0.335	5.84
67)		1,3,5-Trichlorobenz	1.151	1.212	1.167	1.173	1.162	1.173	1.99
68)	T	1,2,4-trichlorobenz	0.745	0.797	0.947	1.012	1.018	0.904	13.93
69)		Naphthalene	1.890	2.457	3.351	3.685	3.659	3.009	26.55
70)	T	1,2,3-Trichlorobenz	0.792	0.970	1.057	1.066	1.034	0.984	11.54

(#) = Out of Range