Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
Method File : SOM2WLM020320S.M
Title : VOC Analysis
Last Update : Mon Feb 03 12:37:09 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VW014825.D 5 =VW014826.D 25 =VW014827.D
50 =VW014828.D 100 =VW014829.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.354	0.333	0.289	0.288	0.310	0.315	9.10
3)	T	Chloromethane	0.490	0.453	0.384	0.411	0.420	0.432	9.41
4)	S	Vinyl Chloride-d3	0.282	0.353	0.452	0.439	0.432	0.392	18.56
5)	T	Vinyl chloride	0.321	0.434	0.457	0.487	0.471	0.434	15.28
6)	T	Bromomethane	0.300	0.273	0.226	0.238	0.233	0.254	12.43
7)	S	Chloroethane-d5	0.432	0.386	0.375	0.345	0.333	0.374	10.38
8)	T	Chloroethane	0.323	0.294	0.261	0.270	0.260	0.282	9.57
9)	T	Trichlorofluorometh	0.282	0.271	0.232	0.242	0.236	0.253	8.91
10)	S	1,1-Dichloroethene-	0.868	0.848	0.830	0.804	0.809	0.832	3.24
11)	T	1,1,2-Trichloro-1,2	0.436	0.409	0.366	0.370	0.355	0.387	8.83
12)	T	1,1-Dichloroethene	0.384	0.375	0.344	0.364	0.358	0.365	4.22
13)	T	Acetone	0.233	0.178	0.141	0.126	0.117	0.159	29.95
14)	T	Carbon disulfide	1.110	1.159	1.058	1.120	1.095	1.108	3.32
15)	T	Methyl Acetate	0.219	0.236	0.252	0.242	0.242	0.238	5.15
16)	T	Methylene chloride	0.603	0.577	0.388	0.379	0.362	0.462	25.53
17)	T	Methyl tert-butyl E	0.460	0.444	0.461	0.481	0.471	0.463	2.96
18)	T	trans-1,2-Dichloroe	0.418	0.383	0.349	0.366	0.357	0.375	7.32
19)	T	1,1-Dichloroethane	0.858	0.790	0.711	0.729	0.715	0.761	8.31
20)	S	2-Butanone-d5	0.133	0.141	0.165	0.145	0.152	0.147	8.14
21)		2-Butanone	0.175	0.169	0.173	0.169	0.168	0.171	1.71
22)	T	cis-1,2-Dichloroeth	0.404	0.382	0.372	0.390	0.388	0.387	2.99
23)	T	Bromochloromethane	0.186	0.172	0.158	0.158	0.154	0.166	8.13
24)	S	Chloroform-d	0.937	0.836	0.779	0.714	0.712	0.796	11.83
25)	T	Chloroform	0.783	0.726	0.652	0.667	0.644	0.695	8.52
26)	S	1,2-Dichloroethane-	0.514	0.469	0.449	0.404	0.400	0.447	10.63
27)	T	1,2-Dichloroethane	0.518	0.514	0.471	0.469	0.454	0.485	5.93
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	2.018	1.790	1.777	1.642	1.583	1.762	9.54
30)	T	Cyclohexane	0.717	0.693	0.758	0.818	0.792	0.756	6.84
31)	T	1,1,1-Trichloroetha	0.667	0.611	0.556	0.566	0.533	0.587	9.10
32)	T	Carbon tetrachlorid	0.599	0.547	0.501	0.519	0.498	0.533	7.84
33)	S	1,2-Dichloropropane	0.670	0.597	0.572	0.531	0.518	0.578	10.53
34)	T	Benzene	1.938	1.809	1.682	1.718	1.605	1.751	7.32
35)	T	Trichloroethene	0.483	0.440	0.406	0.424	0.409	0.432	7.19
36)	T	Methylcyclohexane	0.745	0.736	0.742	0.794	0.768	0.757	3.17
37)	S	Toluene-d8	1.652	1.533	1.589	1.483	1.435	1.538	5.57
38)	S	trans-1,3-Dichlorop	0.228	0.218	0.239	0.226	0.232	0.229	3.44
39)	S	2-Hexanone-d5	0.081	0.093	0.135	0.125	0.130	0.113	21.51
40)	T	1,2-Dichloropropane	0.540	0.479	0.449	0.459	0.434	0.472	8.69
41)	T	Bromodichloromethan	0.592	0.541	0.521	0.533	0.517	0.541	5.59
42)	T	cis-1,3-Dichloropro	0.635	0.616	0.654	0.694	0.686	0.657	5.07
43)	T	4-Methyl-2-pentanon	0.286	0.321	0.378	0.376	0.373	0.347	12.02
44)	T	Toluene	1.833	1.746	1.726	1.774	1.678	1.751	3.30
45)	T	trans-1,3-Dichlorop	0.513	0.518	0.544	0.565	0.564	0.541	4.58
46)	T	1,1,2-Trichloroetha	0.315	0.325	0.309	0.312	0.301	0.312	2.84
47)	T	Tetrachloroethene	0.362	0.330	0.306	0.313	0.301	0.323	7.70
48)	S	1,1,2,2-Tetrachloro	0.453	0.467	0.482	0.427	0.422	0.450	5.75
49)	T	2-Hexanone	0.175	0.206	0.276	0.272	0.267	0.239	19.21
50)	T	Dibromochloromethan	0.334	0.336	0.328	0.342	0.339	0.336	1.52
51)	T	1,2-Dibromoethane	0.284	0.303	0.292	0.300	0.290	0.294	2.54
52)	T	Chlorobenzene	1.187	1.087	1.014	1.041	1.014	1.068	6.78

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.925	1.844	1.880	1.955	1.884	1.898	2.28
54)	T	m,p-Xylene	0.695	0.668	0.685	0.727	0.697	0.694	3.09
55)	T	o-xylene	0.631	0.602	0.649	0.683	0.669	0.647	4.97
56)	T	Styrene	1.051	1.021	1.125	1.174	1.138	1.102	5.76
57)	T	Isopropylbenzene	1.689	1.642	1.773	1.852	1.791	1.750	4.79
58)	T	1,1,2,2-Tetrachloro	0.390	0.414	0.424	0.418	0.404	0.410	3.26
59)		1,2,3-Trichloroprop	0.298	0.320	0.329	0.316	0.307	0.314	3.81
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	S	1,2-Dichlorobenzene	1.177	1.117	1.035	0.954	0.953	1.047	9.47
62)	T	Bromoform	0.398	0.425	0.404	0.417	0.423	0.413	2.80
63)	T	1,3-Dichlorobenzene	1.825	1.763	1.582	1.626	1.587	1.677	6.62
64)	T	1,4-Dichlorobenzene	1.889	1.762	1.587	1.616	1.598	1.690	7.79
65)	T	1,2-Dichlorobenzene	1.659	1.573	1.456	1.490	1.455	1.527	5.78
66)	T	1,2-Dibromo-3-chlor	0.140	0.152	0.156	0.148	0.150	0.149	4.02
67)		1,3,5-Trichlorobenz	1.264	1.218	1.148	1.168	1.143	1.188	4.35
68)	T	1,2,4-trichlorobenz	0.923	0.884	0.927	0.950	0.957	0.928	3.08
69)		Naphthalene	1.466	1.562	2.070	2.144	2.174	1.883	18.11
70)	T	1,2,3-Trichlorobenz	0.857	0.830	0.874	0.870	0.858	0.858	2.00

(#) = Out of Range