Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM081120WMA.M
Title : VOC Analysis
Last Update : Tue Aug 11 19:56:01 2020
Response Via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : BFB71

Calibration Files
5 =VV017911.D 10 =VV017912.D 50 =VV017913.D
100 =VV017914.D 200 =VV017915.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.419	0.411	0.375	0.365	0.359	0.386	7.09
3)	T	Chloromethane	0.496	0.456	0.443	0.431	0.417	0.448	6.68
4)	S	Vinyl Chloride-d3	0.373	0.392	0.379	0.385	0.378	0.381	1.91
5)	T	Vinyl chloride	0.474	0.448	0.442	0.433	0.424	0.444	4.28
6)	T	Bromomethane	0.284	0.261	0.261	0.263	0.258	0.266	4.02
7)	S	Chloroethane-d5	0.313	0.315	0.310	0.317	0.306	0.312	1.42
8)	T	Chloroethane	0.312	0.280	0.280	0.277	0.268	0.284	5.93
9)	T	Trichlorofluorometh	0.692	0.638	0.627	0.616	0.600	0.635	5.52
10)	T	1,1,2-Trichloro-1,2	0.392	0.361	0.350	0.338	0.331	0.354	6.68
11)	S	1,1-Dichloroethene-	0.739	0.732	0.724	0.732	0.721	0.730	1.02
12)	T	1,1-Dichloroethene	0.359	0.334	0.334	0.327	0.324	0.335	4.16
13)	T	Acetone	0.305	0.292	0.268	0.226	0.200	0.258	17.10
14)	T	Carbon disulfide	0.939	0.884	0.923	0.932	0.937	0.923	2.46
15)	T	Methyl Acetate	0.440	0.406	0.424	0.415	0.397	0.416	4.02
16)	T	Methylene chloride	0.501	0.450	0.413	0.398	0.375	0.427	11.57
17)	T	trans-1,2-Dichloroe	0.367	0.336	0.344	0.342	0.335	0.345	3.70
18)	T	Methyl tert-butyl E	1.150	1.075	1.162	1.168	1.147	1.140	3.29
19)	T	1,1-Dichloroethane	0.739	0.683	0.694	0.684	0.668	0.693	3.89
20)	T	cis-1,2-Dichloroeth	0.384	0.358	0.384	0.388	0.381	0.379	3.22
21)	S	2-Butanone-d5	0.216	0.231	0.263	0.274	0.266	0.250	10.03
22)	T	2-Butanone	0.253	0.283	0.317	0.302	0.292	0.290	8.27
23)	T	Bromochloromethane	0.210	0.189	0.201	0.197	0.192	0.198	4.18
24)	S	Chloroform-d	0.671	0.682	0.698	0.720	0.702	0.694	2.72
25)	T	Chloroform	0.762	0.700	0.706	0.695	0.673	0.707	4.66
26)	S	1,2-Dichloroethane-	0.428	0.448	0.457	0.469	0.454	0.451	3.30
27)	T	1,2-Dichloroethane	0.614	0.531	0.572	0.558	0.539	0.563	5.84
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.607	0.575	0.622	0.614	0.600	0.603	2.95
30)	T	1,1,1-Trichloroetha	0.632	0.619	0.626	0.601	0.586	0.613	3.09
31)	T	Carbon tetrachlorid	0.538	0.490	0.517	0.507	0.499	0.510	3.64
32)	S	Benzene-d6	1.290	1.369	1.430	1.426	1.375	1.378	4.10
33)	T	Benzene	1.612	1.517	1.601	1.535	1.470	1.547	3.83
34)	T	Trichloroethene	0.451	0.412	0.409	0.392	0.379	0.409	6.66
35)	T	Methylcyclohexane	0.619	0.594	0.615	0.609	0.603	0.608	1.61
36)	S	1,2-Dichloropropane	0.429	0.446	0.469	0.463	0.446	0.451	3.52
37)	T	1,2-Dichloropropane	0.459	0.397	0.434	0.417	0.401	0.422	6.09
38)	T	Bromodichloromethan	0.531	0.494	0.542	0.531	0.522	0.524	3.44
39)	T	cis-1,3-Dichloropro	0.547	0.507	0.637	0.653	0.647	0.598	11.11
40)	T	4-Methyl-2-pentanon	0.512	0.519	0.595	0.576	0.555	0.551	6.44
41)	S	Toluene-d8	1.109	1.195	1.291	1.318	1.284	1.239	6.97
42)	T	Toluene	1.642	1.543	1.677	1.628	1.581	1.614	3.25
43)	S	trans-1,3-Dichlorop	0.156	0.182	0.218	0.231	0.234	0.204	16.58
44)	T	trans-1,3-Dichlorop	0.483	0.492	0.611	0.628	0.623	0.567	12.92
45)	T	1,1,2-Trichloroetha	0.416	0.383	0.399	0.384	0.372	0.391	4.41
46)	T	Tetrachloroethene	0.316	0.299	0.304	0.293	0.288	0.300	3.55
47)	S	2-Hexanone-d5	0.094	0.118	0.161	0.173	0.176	0.145	25.18
48)	T	2-Hexanone	0.400	0.443	0.485	0.456	0.439	0.445	6.93
49)	T	Dibromochloromethan	0.358	0.338	0.395	0.409	0.407	0.381	8.29
50)	T	1,2-Dibromoethane	0.416	0.390	0.412	0.406	0.396	0.404	2.75
51)	T	Chlorobenzene	1.108	1.007	1.044	1.028	1.004	1.038	4.07
52)	T	Ethylbenzene	1.724	1.640	1.830	1.820	1.786	1.760	4.49

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.619	0.596	0.681	0.673	0.668	0.647	5.77
54)	T	o-xylene	0.626	0.579	0.663	0.669	0.661	0.640	5.92
55)	T	Styrene	0.978	0.973	1.170	1.182	1.175	1.096	10.02
56)	T	Isopropylbenzene	1.570	1.574	1.760	1.776	1.758	1.688	6.25
57)	S	1,1,2,2-Tetrachloro	0.525	0.558	0.608	0.624	0.618	0.587	7.37
58)	T	1,1,2,2-Tetrachloro	0.600	0.572	0.627	0.625	0.619	0.608	3.81
59)		1,2,3-Trichloroprop	0.543	0.504	0.536	0.517	0.504	0.521	3.49
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.397	0.396	0.494	0.534	0.544	0.473	15.29
62)	T	1,3-Dichlorobenzene	1.699	1.560	1.591	1.573	1.526	1.590	4.10
63)	T	1,4-Dichlorobenzene	1.775	1.610	1.621	1.607	1.554	1.633	5.08
64)	S	1,2-Dichlorobenzene	0.969	0.984	0.974	1.014	0.979	0.984	1.79
65)	T	1,2-Dichlorobenzene	1.743	1.603	1.637	1.627	1.573	1.637	3.92
66)	T	1,2-Dibromo-3-chlor	0.202	0.217	0.263	0.264	0.259	0.241	12.06
67)		1,3,5-Trichlorobenz	1.224	1.149	1.209	1.239	1.218	1.208	2.86
68)	T	1,2,4-trichlorobenz	0.983	0.970	1.107	1.147	1.103	1.062	7.53
69)		Naphthalene	2.344	2.440	3.297	3.344	3.210	2.927	16.81
70)	T	1,2,3-Trichlorobenz	1.042	1.013	1.142	1.130	1.073	1.080	5.14

(#) = Out of Range