Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVLM033020WMA.M
Title : VOC Analysis
Last Update : Mon Mar 30 14:01:09 2020
Response Via : Initial Calibration

Calibration Files
5 =VV015267.D 10 =VV015268.D 50 =VV015269.D
100 =VV015264.D 200 =VV015265.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.338	0.390	0.352	0.338	0.341	0.352	6.25
3)	T	Chloromethane	0.393	0.440	0.410	0.393	0.362	0.399	7.13
4)	S	Vinyl Chloride-d3	0.392	0.389	0.351	0.350	0.341	0.365	6.56
5)	T	Vinyl chloride	0.405	0.474	0.420	0.418	0.389	0.421	7.57
6)	T	Bromomethane	0.279	0.308	0.288	0.276	0.259	0.282	6.35
7)	S	Chloroethane-d5	0.371	0.359	0.331	0.325	0.310	0.339	7.47
8)	T	Chloroethane	0.330	0.320	0.279	0.274	0.251	0.291	11.44
9)	T	Trichlorofluorometh	0.642	0.744	0.699	0.731	0.746	0.712	6.15
10)	T	1,1,2-Trichloro-1,2	0.369	0.435	0.382	0.362	0.363	0.382	7.98
11)	S	1,1-Dichloroethene-	0.813	0.817	0.771	0.762	0.768	0.786	3.37
12)	T	1,1-Dichloroethene	0.372	0.399	0.368	0.356	0.355	0.370	4.83
13)	T	Acetone	0.212	0.155	0.154	0.153	0.139	0.163	17.45
14)	T	Carbon disulfide	0.920	0.972	0.873	0.874	0.861	0.900	5.12
15)	T	Methyl Acetate	0.280	0.370	0.339	0.332	0.312	0.327	10.20
16)	T	Methylene chloride	0.338	0.387	0.350	0.337	0.319	0.346	7.32
17)	T	trans-1,2-Dichloroe	0.316	0.333	0.299	0.305	0.296	0.310	4.89
18)	T	Methyl tert-butyl E	0.963	1.165	1.078	1.071	0.999	1.055	7.43
19)	T	1,1-Dichloroethane	0.538	0.634	0.586	0.581	0.550	0.578	6.42
20)	T	cis-1,2-Dichloroeth	0.329	0.377	0.345	0.353	0.338	0.348	5.22
21)	S	2-Butanone-d5	0.221	0.249	0.245	0.241	0.236	0.238	4.56
22)	T	2-Butanone	0.196	0.264	0.251	0.246	0.229	0.237	11.01
23)	T	Bromochloromethane	0.157	0.181	0.174	0.176	0.169	0.171	5.34
24)	S	Chloroform-d	0.695	0.664	0.646	0.639	0.632	0.655	3.81
25)	T	Chloroform	0.590	0.680	0.619	0.614	0.581	0.617	6.29
26)	S	1,2-Dichloroethane-	0.485	0.430	0.417	0.415	0.395	0.428	7.91
27)	T	1,2-Dichloroethane	0.465	0.542	0.502	0.492	0.452	0.491	7.14
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.523	0.595	0.522	0.502	0.510	0.530	7.03
30)	T	1,1,1-Trichloroetha	0.528	0.619	0.569	0.558	0.560	0.567	5.84
31)	T	Carbon tetrachlorid	0.442	0.524	0.477	0.478	0.480	0.480	6.07
32)	S	Benzene-d6	1.423	1.347	1.243	1.256	1.257	1.305	5.99
33)	T	Benzene	1.223	1.438	1.340	1.332	1.285	1.324	6.00
34)	T	Trichloroethene	0.347	0.384	0.345	0.353	0.347	0.355	4.59
35)	T	Methylcyclohexane	0.513	0.621	0.555	0.547	0.548	0.557	7.10
36)	S	1,2-Dichloropropane	0.450	0.421	0.392	0.387	0.391	0.408	6.60
37)	T	1,2-Dichloropropane	0.315	0.359	0.342	0.341	0.326	0.337	5.02
38)	T	Bromodichloromethan	0.442	0.526	0.490	0.487	0.475	0.484	6.23
39)	T	cis-1,3-Dichloropro	0.530	0.575	0.581	0.580	0.576	0.569	3.82
40)	T	4-Methyl-2-pentanon	0.451	0.572	0.508	0.496	0.476	0.501	9.07
41)	S	Toluene-d8	1.342	1.277	1.228	1.230	1.237	1.263	3.84
42)	T	Toluene	1.343	1.589	1.531	1.509	1.456	1.486	6.26
43)	S	trans-1,3-Dichlorop	0.235	0.224	0.211	0.217	0.224	0.222	4.08
44)	T	trans-1,3-Dichlorop	0.488	0.600	0.568	0.576	0.560	0.559	7.58
45)	T	1,1,2-Trichloroetha	0.300	0.370	0.346	0.347	0.332	0.339	7.54
46)	T	Tetrachloroethene	0.207	0.253	0.232	0.241	0.242	0.235	7.35
47)	S	2-Hexanone-d5	0.194	0.193	0.192	0.189	0.191	0.191	1.00
48)	T	2-Hexanone	0.331	0.419	0.402	0.391	0.378	0.384	8.73
49)	T	Dibromochloromethan	0.316	0.382	0.382	0.392	0.382	0.371	8.31
50)	T	1,2-Dibromoethane	0.334	0.394	0.374	0.377	0.364	0.369	5.99
51)	T	Chlorobenzene	0.916	1.019	0.972	0.982	0.946	0.967	4.00
52)	T	Ethylbenzene	1.536	1.769	1.702	1.719	1.651	1.676	5.30

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.541	0.689	0.659	0.667	0.639	0.639	8.98
54)	T	o-xylene	0.557	0.681	0.653	0.658	0.629	0.636	7.47
55)	T	Styrene	0.939	1.142	1.119	1.133	1.092	1.085	7.73
56)	T	Isopropylbenzene	1.476	1.804	1.716	1.719	1.654	1.674	7.33
57)	S	1,1,2,2-Tetrachloro	0.636	0.626	0.592	0.579	0.579	0.602	4.48
58)	T	1,1,2,2-Tetrachloro	0.497	0.619	0.584	0.565	0.550	0.563	7.99
59)		1,2,3-Trichloroprop	0.444	0.507	0.480	0.458	0.439	0.466	5.99
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.401	0.504	0.505	0.546	0.537	0.499	11.58
62)	T	1,3-Dichlorobenzene	1.466	1.623	1.508	1.550	1.479	1.525	4.18
63)	T	1,4-Dichlorobenzene	1.499	1.712	1.508	1.569	1.495	1.556	5.91
64)	S	1,2-Dichlorobenzene	1.126	1.008	0.944	0.954	0.945	0.995	7.80
65)	T	1,2-Dichlorobenzene	1.470	1.654	1.524	1.566	1.480	1.539	4.86
66)	T	1,2-Dibromo-3-chlor	0.327	0.387	0.337	0.334	0.308	0.339	8.71
67)		1,3,5-Trichlorobenz	0.880	1.000	0.965	1.024	0.997	0.973	5.79
68)	T	1,2,4-trichlorobenz	0.882	0.916	0.907	0.970	0.950	0.925	3.79
69)		Naphthalene	3.504	3.844	3.675	3.791	3.618	3.686	3.69
70)	T	1,2,3-Trichlorobenz	0.846	0.942	0.924	0.975	0.953	0.928	5.29

(#) = Out of Range