Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM101420WMA.M
Title : VOC Analysis
Last Update : Wed Oct 14 15:16:28 2020
Response Via : Initial Calibration

Calibration Files
5 =VV018891.D 10 =VV018892.D 50 =VV018893.D
100 =VV018894.D 200 =VV018895.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.490	0.476	0.403	0.382	0.414	0.433	10.99
3)	T	Chloromethane	0.545	0.512	0.470	0.458	0.457	0.488	7.91
4)	S	Vinyl Chloride-d3	0.477	0.406	0.389	0.397	0.389	0.412	8.99
5)	T	Vinyl chloride	0.526	0.496	0.449	0.441	0.448	0.472	7.94
6)	T	Bromomethane	0.313	0.301	0.277	0.273	0.275	0.288	6.24
7)	S	Chloroethane-d5	0.379	0.327	0.310	0.312	0.302	0.326	9.56
8)	T	Chloroethane	0.299	0.304	0.272	0.269	0.271	0.283	5.96
9)	T	Trichlorofluorometh	0.700	0.679	0.576	0.562	0.597	0.623	10.07
10)	T	1,1,2-Trichloro-1,2	0.363	0.352	0.307	0.290	0.310	0.324	9.68
11)	S	1,1-Dichloroethene-	0.883	0.788	0.741	0.740	0.733	0.777	8.11
12)	T	1,1-Dichloroethene	0.362	0.347	0.314	0.307	0.314	0.329	7.39
13)	T	Acetone	0.253	0.217	0.201	0.192	0.186	0.210	12.78
14)	T	Carbon disulfide	1.251	1.185	1.057	1.037	1.069	1.120	8.32
15)	T	Methyl Acetate	0.450	0.432	0.434	0.423	0.415	0.431	3.00
16)	T	Methylene chloride	0.431	0.419	0.376	0.375	0.370	0.394	7.25
17)	T	trans-1,2-Dichloroe	0.388	0.381	0.356	0.347	0.352	0.365	5.04
18)	T	Methyl tert-butyl E	1.152	1.158	1.135	1.152	1.167	1.153	1.00
19)	T	1,1-Dichloroethane	0.749	0.756	0.689	0.682	0.674	0.710	5.49
20)	T	cis-1,2-Dichloroeth	0.391	0.397	0.380	0.383	0.383	0.387	1.81
21)	S	2-Butanone-d5	0.287	0.275	0.290	0.293	0.290	0.287	2.54
22)	T	2-Butanone	0.258	0.272	0.299	0.297	0.299	0.285	6.64
23)	T	Bromochloromethane	0.209	0.206	0.194	0.194	0.195	0.200	3.75
24)	S	Chloroform-d	0.838	0.726	0.709	0.720	0.704	0.739	7.54
25)	T	Chloroform	0.767	0.752	0.697	0.681	0.673	0.714	5.96
26)	S	1,2-Dichloroethane-	0.538	0.490	0.476	0.479	0.472	0.491	5.48
27)	T	1,2-Dichloroethane	0.613	0.608	0.572	0.560	0.563	0.583	4.34
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.581	0.607	0.586	0.570	0.627	0.594	3.82
30)	T	1,1,1-Trichloroetha	0.660	0.652	0.603	0.589	0.598	0.620	5.28
31)	T	Carbon tetrachlorid	0.543	0.566	0.511	0.500	0.522	0.528	4.98
32)	S	Benzene-d6	1.595	1.438	1.433	1.443	1.389	1.460	5.39
33)	T	Benzene	1.538	1.615	1.525	1.499	1.487	1.533	3.27
34)	T	Trichloroethene	0.511	0.492	0.419	0.394	0.394	0.442	12.52
35)	T	Methylcyclohexane	0.557	0.568	0.507	0.495	0.549	0.535	6.05
36)	S	1,2-Dichloropropane	0.500	0.463	0.459	0.461	0.450	0.467	4.16
37)	T	1,2-Dichloropropane	0.406	0.423	0.413	0.405	0.405	0.410	1.96
38)	T	Bromodichloromethan	0.535	0.537	0.518	0.518	0.522	0.526	1.73
39)	T	cis-1,3-Dichloropro	0.546	0.618	0.610	0.649	0.660	0.617	7.24
40)	T	4-Methyl-2-pentanon	0.506	0.546	0.594	0.593	0.590	0.566	6.88
41)	S	Toluene-d8	1.332	1.275	1.310	1.338	1.293	1.309	2.01
42)	T	Toluene	1.514	1.629	1.618	1.573	1.581	1.583	2.85
43)	S	trans-1,3-Dichlorop	0.213	0.211	0.231	0.244	0.242	0.228	6.73
44)	T	trans-1,3-Dichlorop	0.511	0.569	0.621	0.637	0.649	0.597	9.58
45)	T	1,1,2-Trichloroetha	0.400	0.404	0.371	0.369	0.365	0.382	4.85
46)	T	Tetrachloroethene	0.329	0.344	0.300	0.286	0.298	0.311	7.78
47)	S	2-Hexanone-d5	0.127	0.132	0.188	0.206	0.214	0.173	23.74
48)	T	2-Hexanone	0.392	0.449	0.469	0.469	0.465	0.449	7.29
49)	T	Dibromochloromethan	0.388	0.396	0.403	0.413	0.421	0.404	3.27
50)	T	1,2-Dibromoethane	0.403	0.411	0.393	0.392	0.390	0.398	2.24
51)	T	Chlorobenzene	1.082	1.080	1.017	0.986	0.996	1.032	4.43
52)	T	Ethylbenzene	1.601	1.736	1.756	1.714	1.761	1.714	3.82

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.595	0.643	0.648	0.646	0.660	0.638	3.92
54)	T	o-xylene	0.553	0.605	0.629	0.627	0.639	0.611	5.70
55)	T	Styrene	0.920	1.046	1.125	1.133	1.148	1.074	8.84
56)	T	Isopropylbenzene	1.437	1.627	1.651	1.615	1.686	1.604	6.04
57)	S	1,1,2,2-Tetrachloro	0.517	0.492	0.553	0.585	0.588	0.547	7.65
58)	T	1,1,2,2-Tetrachloro	0.459	0.493	0.525	0.547	0.567	0.518	8.35
59)	MA	1,2,3-Trichloroprop	0.499	0.520	0.494	0.486	0.484	0.497	2.94
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.509	0.524	0.549	0.573	0.575	0.546	5.35
62)	T	1,3-Dichlorobenzene	1.604	1.640	1.516	1.494	1.496	1.550	4.36
63)	T	1,4-Dichlorobenzene	1.735	1.757	1.578	1.540	1.538	1.630	6.61
64)	S	1,2-Dichlorobenzene	1.135	1.005	0.973	1.007	0.966	1.017	6.73
65)	T	1,2-Dichlorobenzene	1.592	1.663	1.531	1.526	1.507	1.564	4.09
66)	T	1,2-Dibromo-3-chlor	0.218	0.217	0.233	0.244	0.253	0.233	6.80
67)	MA	1,3,5-Trichlorobenz	1.029	1.085	1.029	1.023	1.040	1.041	2.43
68)	T	1,2,4-trichlorobenz	0.893	0.946	0.969	0.989	1.000	0.959	4.43
69)	MA	Naphthalene	2.091	2.312	2.933	3.182	3.097	2.723	18.02
70)	T	1,2,3-Trichlorobenz	0.886	0.958	0.995	0.995	0.961	0.959	4.63

(#) = Out of Range