

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVLM100820WMA.M
 Title : VOC Analysis
 Last Update : Thu Oct 08 23:51:03 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV018773.D 10 =VV018774.D 50 =VV018775.D
 100 =VV018776.D 200 =VV018777.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.395	0.331	0.295	0.289	0.305	0.323	13.44
3) T	Chloromethane	0.506	0.455	0.377	0.383	0.396	0.423	13.18
4) S	Vinyl Chloride-d3	0.456	0.471	0.433	0.442	0.468	0.454	3.59
5) T	Vinyl chloride	0.528	0.455	0.402	0.402	0.420	0.441	12.03
6) T	Bromomethane	0.320	0.275	0.235	0.228	0.243	0.260	14.65
7) S	Chloroethane-d5	0.399	0.396	0.347	0.338	0.350	0.366	7.94
8) T	Chloroethane	0.357	0.316	0.259	0.257	0.256	0.289	15.87
9) T	Trichlorofluorometh	0.767	0.682	0.589	0.577	0.613	0.645	12.27
10) T	1,1,2-Trichloro-1,2	0.444	0.372	0.327	0.318	0.337	0.359	14.33
11) S	1,1-Dichloroethene-	0.950	0.899	0.825	0.825	0.880	0.876	6.05
12) T	1,1-Dichloroethene	0.425	0.353	0.315	0.308	0.329	0.346	13.77
13) T	Acetone	0.292	0.256	0.203	0.205	0.207	0.232	17.17
14) T	Carbon disulfide	1.216	1.061	0.924	0.919	1.001	1.024	11.93
15) T	Methyl Acetate	0.473	0.504	0.413	0.416	0.465	0.454	8.57
16) T	Methylene chloride	0.535	0.478	0.377	0.344	0.396	0.426	18.35
17) T	trans-1,2-Dichloroe	0.437	0.402	0.309	0.311	0.368	0.365	15.39
18) T	Methyl tert-butyl E	1.361	1.355	1.048	1.080	1.280	1.225	12.28
19) T	1,1-Dichloroethane	0.808	0.838	0.636	0.636	0.667	0.717	13.70
20) T	cis-1,2-Dichloroeth	0.418	0.436	0.346	0.352	0.378	0.386	10.27
21) S	2-Butanone-d5	0.196	0.314	0.271	0.297	0.318	0.279	17.99
22) T	2-Butanone	0.232	0.309	0.253	0.277	0.291	0.272	11.11
23) T	Bromochloromethane	0.231	0.227	0.176	0.179	0.187	0.200	13.36
24) S	Chloroform-d	0.809	0.874	0.742	0.789	0.794	0.802	5.94
25) T	Chloroform	0.839	0.825	0.649	0.686	0.679	0.736	12.15
26) S	1,2-Dichloroethane-	0.559	0.559	0.507	0.547	0.545	0.543	3.90
27) T	1,2-Dichloroethane	0.680	0.604	0.542	0.586	0.580	0.599	8.49
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.624	0.585	0.584	0.662	0.573	0.606	6.11
30) T	1,1,1-Trichloroetha	0.760	0.668	0.620	0.685	0.599	0.666	9.44
31) T	Carbon tetrachlorid	0.615	0.565	0.533	0.577	0.518	0.562	6.77
32) S	Benzene-d6	1.605	1.571	1.567	1.788	1.515	1.609	6.54
33) T	Benzene	1.747	1.580	1.488	1.684	1.432	1.586	8.28
34) T	Trichloroethene	0.542	0.474	0.450	0.441	0.375	0.457	13.25
35) T	Methylcyclohexane	0.596	0.526	0.575	0.594	0.503	0.559	7.55
36) S	1,2-Dichloropropane	0.510	0.502	0.551	0.577	0.483	0.525	7.31
37) T	1,2-Dichloropropane	0.482	0.439	0.433	0.440	0.385	0.436	7.93
38) T	Bromodichloromethan	0.608	0.567	0.524	0.555	0.513	0.553	6.87
39) T	cis-1,3-Dichloropro	0.575	0.581	0.600	0.678	0.643	0.616	7.14
40) T	4-Methyl-2-pentanone	0.539	0.566	0.537	0.612	0.578	0.566	5.46
41) S	Toluene-d8	1.393	1.392	1.429	1.524	1.405	1.428	3.87
42) T	Toluene	1.739	1.658	1.587	1.648	1.514	1.629	5.15
43) S	trans-1,3-Dichlorop	0.240	0.239	0.255	0.280	0.268	0.256	6.94
44) T	trans-1,3-Dichlorop	0.620	0.628	0.610	0.665	0.631	0.631	3.32
45) T	1,1,2-Trichloroetha	0.461	0.403	0.364	0.380	0.349	0.391	11.18
46) T	Tetrachloroethene	0.413	0.355	0.309	0.313	0.283	0.335	15.24
47) S	2-Hexanone-d5	0.129	0.145	0.186	0.232	0.227	0.184	25.39
48) T	2-Hexanone	0.451	0.443	0.421	0.476	0.444	0.447	4.41
49) T	Dibromochloromethan	0.455	0.434	0.402	0.434	0.413	0.428	4.84
50) T	1,2-Dibromoethane	0.428	0.418	0.382	0.398	0.375	0.400	5.68
51) T	Chlorobenzene	1.198	1.117	1.023	1.054	1.015	1.081	7.08
52) T	Ethylbenzene	1.913	1.812	1.787	1.859	1.881	1.850	2.77

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.681	0.656	0.666	0.688	0.705	0.679	2.82
54) T	o-xylene	0.642	0.624	0.632	0.676	0.652	0.645	3.16
55) T	Styrene	1.063	1.107	1.146	1.228	1.165	1.142	5.42
56) T	Isopropylbenzene	1.714	1.677	1.875	1.980	1.678	1.785	7.64
57) S	1,1,2,2-Tetrachloro	0.520	0.552	0.611	0.711	0.624	0.604	12.19
58) T	1,1,2,2-Tetrachloro	0.494	0.520	0.536	0.628	0.552	0.546	9.28
59) MA	1,2,3-Trichloroprop	0.539	0.528	0.488	0.568	0.469	0.518	7.68
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.546	0.543	0.558	0.538	0.589	0.555	3.66
62) T	1,3-Dichlorobenzene	1.790	1.692	1.553	1.595	1.521	1.630	6.75
63) T	1,4-Dichlorobenzene	1.948	1.721	1.587	1.640	1.582	1.696	8.96
64) S	1,2-Dichlorobenzene	1.152	1.092	1.072	1.120	1.097	1.107	2.75
65) T	1,2-Dichlorobenzene	1.810	1.701	1.546	1.594	1.531	1.637	7.19
66) T	1,2-Dibromo-3-chlor	0.205	0.216	0.208	0.233	0.267	0.226	11.32
67) MA	1,3,5-Trichlorobenz	1.152	1.100	1.026	0.952	1.049	1.056	7.14
68) T	1,2,4-trichlorobenz	1.042	0.971	0.963	0.940	1.049	0.993	4.98
69) MA	Naphthalene	2.264	2.520	2.877	2.966	3.361	2.797	15.10
70) T	1,2,3-Trichlorobenz	0.980	0.997	0.981	0.927	1.043	0.986	4.23

(#) = Out of Range