

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMULM091619WMA.M
 Title : VOC Analysis
 Last Update : Tue Sep 17 02:23:49 2019
 Response Via : Initial Calibration

Calibration Files

5 =VU034556.D 10 =VU034557.D 50 =VU034558.D
 100 =VU034559.D 200 =VU034560.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.259	0.325	0.321	0.312	0.323	0.308	9.09
3) T	Chloromethane	0.278	0.324	0.318	0.317	0.333	0.314	6.70
4) S	Vinyl Chloride-d3	0.222	0.252	0.248	0.238	0.247	0.241	4.96
5) T	Vinyl chloride	0.262	0.319	0.316	0.320	0.327	0.309	8.57
6) T	Bromomethane	0.155	0.171	0.173	0.164	0.143	0.161	7.79
7) S	Chloroethane-d5	0.169	0.193	0.196	0.186	0.184	0.186	5.73
8) T	Chloroethane	0.149	0.188	0.183	0.184	0.180	0.177	8.87
9) T	Trichlorofluorometh	0.390	0.442	0.452	0.444	0.456	0.437	6.16
10) T	1,1,2-Trichloro-1,2	0.221	0.282	0.271	0.261	0.267	0.260	8.94
11) S	1,1-Dichloroethene-	0.475	0.484	0.510	0.488	0.511	0.494	3.23
12) T	1,1-Dichloroethene	0.215	0.255	0.246	0.229	0.244	0.238	6.57
13) T	Acetone	0.221	0.234	0.272	0.247	0.248	0.244	7.76
14) T	Carbon disulfide	0.490	0.608	0.601	0.601	0.617	0.583	8.99
15) T	Methyl Acetate	0.304	0.388	0.434	0.426	0.447	0.400	14.47
16) T	Methylene chloride	0.279	0.317	0.321	0.322	0.331	0.314	6.41
17) T	trans-1,2-Dichloroe	0.218	0.257	0.263	0.262	0.272	0.254	8.23
18) T	Methyl tert-butyl E	0.905	1.079	1.091	1.087	1.103	1.053	7.92
19) T	1,1-Dichloroethane	0.482	0.590	0.595	0.594	0.603	0.573	8.93
20) T	cis-1,2-Dichloroeth	0.280	0.337	0.336	0.343	0.351	0.329	8.60
21) S	2-Butanone-d5	0.173	0.261	0.304	0.297	0.325	0.272	22.10
22) T	2-Butanone	0.189	0.274	0.361	0.358	0.373	0.311	25.28
23) T	Bromochloromethane	0.134	0.156	0.161	0.162	0.164	0.156	7.93
24) S	Chloroform-d	0.494	0.538	0.567	0.554	0.585	0.548	6.31
25) T	Chloroform	0.527	0.636	0.612	0.603	0.615	0.599	7.01
26) S	1,2-Dichloroethane-	0.308	0.338	0.347	0.331	0.347	0.334	4.89
27) T	1,2-Dichloroethane	0.349	0.429	0.436	0.449	0.457	0.424	10.17

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.438	0.511	0.508	0.488	0.492	0.487	6.00
30) T	1,1,1-Trichloroetha	0.438	0.518	0.522	0.510	0.510	0.500	7.02
31) T	Carbon tetrachlorid	0.360	0.434	0.441	0.433	0.440	0.422	8.19
32) S	Benzene-d6	1.020	1.120	1.163	1.089	1.106	1.099	4.76
33) T	Benzene	1.083	1.312	1.346	1.305	1.296	1.268	8.31
34) T	Trichloroethene	0.266	0.325	0.335	0.328	0.326	0.316	8.89
35) T	Methylcyclohexane	0.440	0.488	0.499	0.488	0.480	0.479	4.72
36) S	1,2-Dichloropropane	0.387	0.410	0.427	0.406	0.417	0.409	3.63
37) T	1,2-Dichloropropane	0.337	0.390	0.406	0.398	0.395	0.385	7.17
38) T	Bromodichloromethan	0.445	0.519	0.522	0.513	0.518	0.503	6.51
39) T	cis-1,3-Dichloropro	0.449	0.553	0.643	0.610	0.636	0.578	13.92
40) T	4-Methyl-2-pentanone	0.528	0.637	0.720	0.715	0.748	0.670	13.34
41) S	Toluene-d8	0.982	1.083	1.124	1.067	1.081	1.067	4.90
42) T	Toluene	1.155	1.393	1.449	1.430	1.410	1.367	8.82
43) S	trans-1,3-Dichlorop	0.177	0.185	0.207	0.197	0.211	0.195	7.25
44) T	trans-1,3-Dichlorop	0.425	0.507	0.572	0.572	0.577	0.530	12.41
45) T	1,1,2-Trichloroetha	0.289	0.356	0.375	0.366	0.370	0.351	10.10
46) T	Tetrachloroethene	0.182	0.213	0.220	0.216	0.217	0.210	7.37
47) S	2-Hexanone-d5	0.173	0.204	0.243	0.235	0.255	0.222	15.06
48) T	2-Hexanone	0.371	0.446	0.559	0.558	0.582	0.503	18.06
49) T	Dibromochloromethan	0.325	0.399	0.423	0.418	0.424	0.398	10.53
50) T	1,2-Dibromoethane	0.322	0.368	0.379	0.382	0.385	0.367	7.13
51) T	Chlorobenzene	0.777	0.916	0.921	0.925	0.928	0.893	7.31
52) T	Ethylbenzene	1.339	1.644	1.649	1.636	1.644	1.582	8.61

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.475	0.587	0.600	0.595	0.588	0.569	9.24
54) T	o-xylene	0.486	0.589	0.611	0.604	0.595	0.577	8.94
55) T	Styrene	0.788	0.998	1.060	1.065	1.056	0.993	11.90
56) T	Isopropylbenzene	1.330	1.578	1.623	1.617	1.613	1.552	8.07
57) S	1,1,2,2-Tetrachloro	0.584	0.620	0.669	0.642	0.682	0.639	6.14
58) T	1,1,2,2-Tetrachloro	0.600	0.683	0.727	0.734	0.750	0.699	8.69
59)	1,2,3-Trichloroprop	0.429	0.531	0.549	0.553	0.566	0.526	10.51
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.505	0.614	0.660	0.639	0.661	0.616	10.55
62) T	1,3-Dichlorobenzene	1.238	1.481	1.513	1.489	1.509	1.446	8.08
63) T	1,4-Dichlorobenzene	1.263	1.516	1.511	1.503	1.507	1.460	7.56
64) S	1,2-Dichlorobenzene	0.810	0.906	0.942	0.893	0.910	0.892	5.54
65) T	1,2-Dichlorobenzene	1.208	1.519	1.543	1.505	1.518	1.458	9.64
66) T	1,2-Dibromo-3-chlor	0.248	0.336	0.358	0.345	0.365	0.330	14.37
67)	1,3,5-Trichlorobenz	0.708	0.973	1.017	0.995	1.018	0.942	14.01
68) T	1,2,4-trichlorobenz	0.508	0.742	0.902	0.910	0.963	0.805	23.05
69)	Naphthalene	1.628	2.526	3.438	3.527	3.753	2.974	29.79
70) T	1,2,3-Trichlorobenz	0.597	0.782	0.892	0.909	0.940	0.824	17.02

(#) = Out of Range