

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SFAMUL100620WMA.M
 Title : VOC Analysis
 Last Update : Wed Oct 07 07:44:31 2020
 Response Via : Initial Calibration

Calibration Files

5 =VU040528.D 10 =VU040523.D 50 =VU040524.D
 100 =VU040525.D 200 =VU040526.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.503	0.501	0.470	0.470	0.463	0.481	3.95
3) T	Chloromethane	0.538	0.547	0.487	0.489	0.469	0.506	6.78
4) S	Vinyl Chloride-d3	0.395	0.444	0.437	0.435	0.436	0.429	4.52
5) T	Vinyl chloride	0.516	0.524	0.490	0.486	0.489	0.501	3.54
6) T	Bromomethane	0.273	0.265	0.252	0.264	0.260	0.263	2.94
7) S	Chloroethane-d5	0.280	0.349	0.340	0.336	0.330	0.327	8.31
8) T	Chloroethane	0.330	0.303	0.299	0.289	0.290	0.302	5.51
9) T	Trichlorofluorometh	0.683	0.663	0.629	0.621	0.617	0.643	4.52
10) T	1,1,2-Trichloro-1,2	0.402	0.401	0.379	0.366	0.367	0.383	4.67
11) S	1,1-Dichloroethene-	0.775	0.841	0.830	0.820	0.832	0.819	3.19
12) T	1,1-Dichloroethene	0.363	0.353	0.350	0.351	0.354	0.354	1.48
13) T	Acetone	0.311	0.361	0.330	0.324	0.311	0.327	6.33
14) T	Carbon disulfide	1.350	1.206	1.184	1.164	1.176	1.216	6.30
15) T	Methyl Acetate	0.541	0.543	0.535	0.526	0.524	0.534	1.59
16) T	Methylene chloride	0.443	0.451	0.403	0.404	0.399	0.420	6.02
17) T	trans-1,2-Dichloroe	0.404	0.380	0.369	0.365	0.368	0.377	4.20
18) T	Methyl tert-butyl E	1.162	1.141	1.185	1.208	1.236	1.186	3.13
19) T	1,1-Dichloroethane	0.780	0.787	0.745	0.727	0.723	0.752	3.96
20) T	cis-1,2-Dichloroeth	0.408	0.412	0.407	0.401	0.404	0.406	1.00
21) S	2-Butanone-d5	0.296	0.342	0.347	0.357	0.361	0.341	7.67
22) T	2-Butanone	0.417	0.420	0.421	0.419	0.410	0.417	1.05
23) T	Bromochloromethane	0.220	0.222	0.206	0.203	0.207	0.212	4.05
24) S	Chloroform-d	0.632	0.790	0.777	0.756	0.748	0.741	8.54
25) T	Chloroform	0.809	0.819	0.759	0.730	0.719	0.767	5.93
26) S	1,2-Dichloroethane-	0.482	0.553	0.532	0.506	0.507	0.516	5.29
27) T	1,2-Dichloroethane	0.657	0.674	0.627	0.603	0.604	0.633	4.97
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.635	0.624	0.694	0.694	0.701	0.669	5.52
30) T	1,1,1-Trichloroetha	0.662	0.655	0.639	0.628	0.627	0.642	2.48
31) T	Carbon tetrachlorid	0.569	0.553	0.559	0.545	0.550	0.555	1.68
32) S	Benzene-d6	1.246	1.477	1.485	1.456	1.452	1.423	7.01
33) T	Benzene	1.635	1.648	1.628	1.593	1.576	1.616	1.86
34) T	Trichloroethene	0.441	0.425	0.410	0.405	0.401	0.416	3.96
35) T	Methylcyclohexane	0.622	0.597	0.635	0.650	0.661	0.633	3.92
36) S	1,2-Dichloropropane	0.436	0.496	0.496	0.481	0.476	0.477	5.15
37) T	1,2-Dichloropropane	0.446	0.468	0.444	0.434	0.427	0.444	3.47
38) T	Bromodichloromethan	0.594	0.601	0.568	0.561	0.558	0.576	3.39
39) T	cis-1,3-Dichloropro	0.612	0.605	0.662	0.677	0.698	0.650	6.25
40) T	4-Methyl-2-pentanone	0.674	0.652	0.699	0.728	0.749	0.700	5.58
41) S	Toluene-d8	1.106	1.325	1.354	1.329	1.337	1.290	8.03
42) T	Toluene	1.564	1.678	1.699	1.659	1.650	1.650	3.12
43) S	trans-1,3-Dichlorop	0.211	0.230	0.249	0.246	0.257	0.239	7.68
44) T	trans-1,3-Dichlorop	0.612	0.633	0.663	0.676	0.690	0.655	4.83
45) T	1,1,2-Trichloroetha	0.401	0.417	0.403	0.383	0.383	0.398	3.60
46) T	Tetrachloroethene	0.305	0.316	0.295	0.292	0.297	0.301	3.17
47) S	2-Hexanone-d5	0.168	0.189	0.238	0.250	0.267	0.222	18.96
48) T	2-Hexanone	0.562	0.520	0.579	0.583	0.602	0.569	5.47
49) T	Dibromochloromethan	0.427	0.430	0.433	0.438	0.444	0.434	1.56
50) T	1,2-Dibromoethane	0.414	0.432	0.417	0.419	0.426	0.421	1.77
51) T	Chlorobenzene	1.136	1.094	1.074	1.046	1.060	1.082	3.23
52) T	Ethylbenzene	1.788	1.730	1.860	1.878	1.901	1.831	3.86

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	Compound	5	10	50	100	200	Avg	%RSD

53) T	m,p-Xylene	0.642	0.628	0.693	0.704	0.706	0.674	5.47
54) T	o-xylene	0.559	0.607	0.676	0.679	0.687	0.642	8.74
55) T	Styrene	1.011	1.045	1.203	1.188	1.204	1.130	8.36
56) S	1,1,2,2-Tetrachloro	0.668	0.700	0.686	0.685	0.706	0.689	2.18
57) T	1,1,2,2-Tetrachloro	0.715	0.724	0.688	0.682	0.706	0.703	2.49

58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59) T	Bromoform	0.626	0.607	0.595	0.602	0.634	0.613	2.71
60) T	1,2,3-Trichloroprop	1.242	1.152	1.094	1.094	1.096	1.136	5.67
61) T	Isopropylbenzene	3.302	3.122	3.430	3.464	3.472	3.358	4.42
62) T	1,3,5-Trimethylbenz	2.497	2.312	2.897	3.008	3.080	2.759	12.19
63) T	1,2,4-Trimethylbenz	2.504	2.349	2.959	3.050	3.127	2.798	12.46
64) T	1,3-Dichlorobenzene	1.779	1.580	1.591	1.607	1.628	1.637	4.97
65) T	1,4-Dichlorobenzene	1.958	1.724	1.650	1.626	1.639	1.720	8.06
66) S	1,2-Dichlorobenzene	1.117	1.009	0.995	0.973	0.995	1.018	5.58
67) T	1,2-Dichlorobenzene	1.803	1.618	1.599	1.588	1.592	1.640	5.60
68) T	1,2-Dibromo-3-chlor	0.344	0.287	0.302	0.327	0.335	0.319	7.52
69)	1,3,5-Trichlorobenz	1.138	0.969	1.054	1.098	1.106	1.073	6.09
70) T	1,2,4-trichlorobenz	1.055	0.721	0.900	0.962	1.012	0.930	14.01
71)	Naphthalene	3.223	1.766	2.809	3.200	3.372	2.874	22.74
72) T	1,2,3-Trichlorobenz	1.097	0.743	0.880	0.937	0.957	0.923	13.93

(#) = Out of Range