

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SFAMULM092420WMA.M
 Title : VOC Analysis
 Last Update : Fri Sep 25 09:22:17 2020
 Response Via : Initial Calibration

Calibration Files

5 =VU040260.D 10 =VU040261.D 50 =VU040262.D
 100 =VU040263.D 200 =VU040264.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.397	0.343	0.358	0.342	0.340	0.356	6.77
3) T	Chloromethane	0.476	0.414	0.434	0.419	0.412	0.431	6.13
4) S	Vinyl Chloride-d3	0.451	0.407	0.396	0.415	0.410	0.416	4.99
5) T	Vinyl chloride	0.473	0.412	0.434	0.421	0.410	0.430	5.97
6) T	Bromomethane	0.247	0.224	0.197	0.229	0.214	0.222	8.28
7) S	Chloroethane-d5	0.329	0.311	0.303	0.312	0.304	0.312	3.30
8) T	Chloroethane	0.310	0.283	0.274	0.260	0.253	0.276	8.00
9) T	Trichlorofluorometh	0.664	0.604	0.598	0.566	0.551	0.596	7.31
10) T	1,1,2-Trichloro-1,2	0.415	0.392	0.380	0.357	0.354	0.380	6.67
11) S	1,1-Dichloroethene-	0.866	0.782	0.795	0.799	0.799	0.808	4.09
12) T	1,1-Dichloroethene	0.403	0.340	0.356	0.340	0.335	0.355	7.93
13) T	Acetone	0.414	0.357	0.394	0.343	0.364	0.374	7.73
14) T	Carbon disulfide	1.226	1.116	1.134	1.091	1.074	1.128	5.24
15) T	Methyl Acetate	0.580	0.563	0.582	0.540	0.541	0.561	3.60
16) T	Methylene chloride	0.460	0.434	0.420	0.401	0.386	0.420	6.85
17) T	trans-1,2-Dichloroe	0.389	0.358	0.377	0.358	0.353	0.367	4.16
18) T	Methyl tert-butyl E	1.200	1.134	1.254	1.230	1.217	1.207	3.75
19) T	1,1-Dichloroethane	0.808	0.789	0.785	0.743	0.720	0.769	4.72
20) T	cis-1,2-Dichloroeth	0.411	0.387	0.414	0.404	0.391	0.401	2.96
21) S	2-Butanone-d5	0.328	0.342	0.361	0.362	0.368	0.352	4.72
22) T	2-Butanone	0.436	0.410	0.483	0.441	0.451	0.444	5.91
23) T	Bromochloromethane	0.228	0.215	0.212	0.202	0.195	0.210	5.97
24) S	Chloroform-d	0.785	0.723	0.727	0.739	0.721	0.739	3.61
25) T	Chloroform	0.840	0.786	0.797	0.750	0.711	0.777	6.29
26) S	1,2-Dichloroethane-	0.566	0.528	0.505	0.513	0.500	0.522	5.09
27) T	1,2-Dichloroethane	0.734	0.671	0.650	0.627	0.603	0.657	7.62

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.661	0.625	0.749	0.714	0.706	0.691	7.00
30) T	1,1,1-Trichloroetha	0.684	0.638	0.691	0.647	0.617	0.655	4.77
31) T	Carbon tetrachlorid	0.588	0.560	0.587	0.559	0.538	0.566	3.75
32) S	Benzene-d6	1.423	1.374	1.430	1.457	1.395	1.416	2.26
33) T	Benzene	1.711	1.630	1.747	1.624	1.547	1.652	4.77
34) T	Trichloroethene	0.442	0.424	0.440	0.412	0.397	0.423	4.43
35) T	Methylcyclohexane	0.624	0.592	0.696	0.669	0.670	0.650	6.41
36) S	1,2-Dichloropropane	0.503	0.467	0.478	0.482	0.466	0.479	3.14
37) T	1,2-Dichloropropane	0.497	0.468	0.482	0.446	0.430	0.465	5.81
38) T	Bromodichloromethan	0.617	0.579	0.614	0.578	0.560	0.589	4.21
39) T	cis-1,3-Dichloropro	0.604	0.615	0.721	0.709	0.698	0.670	8.27
40) T	4-Methyl-2-pentanone	0.689	0.695	0.820	0.786	0.781	0.755	7.80
41) S	Toluene-d8	1.214	1.212	1.327	1.343	1.290	1.277	4.80
42) T	Toluene	1.600	1.617	1.813	1.702	1.619	1.670	5.35
43) S	trans-1,3-Dichlorop	0.233	0.233	0.244	0.252	0.257	0.244	4.49
44) T	trans-1,3-Dichlorop	0.640	0.639	0.713	0.700	0.694	0.677	5.20
45) T	1,1,2-Trichloroetha	0.421	0.401	0.423	0.394	0.379	0.403	4.58
46) T	Tetrachloroethene	0.297	0.297	0.310	0.293	0.285	0.296	3.04
47) S	2-Hexanone-d5	0.164	0.177	0.225	0.244	0.253	0.212	18.80
48) T	2-Hexanone	0.532	0.534	0.675	0.635	0.644	0.604	11.02
49) T	Dibromochloromethan	0.441	0.432	0.465	0.443	0.431	0.442	3.10
50) T	1,2-Dibromoethane	0.439	0.430	0.452	0.430	0.415	0.433	3.15
51) T	Chlorobenzene	1.173	1.101	1.126	1.066	1.042	1.101	4.66
52) T	Ethylbenzene	1.764	1.722	1.997	1.933	1.884	1.860	6.18

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.614	0.622	0.742	0.715	0.689	0.676	8.36
54) T	o-xylene	0.608	0.607	0.722	0.695	0.671	0.661	7.81
55) T	Styrene	0.991	1.022	1.259	1.205	1.174	1.130	10.39
56) S	1,1,2,2-Tetrachloro	0.681	0.651	0.675	0.692	0.692	0.678	2.49
57) T	1,1,2,2-Tetrachloro	0.724	0.694	0.730	0.702	0.698	0.710	2.32
58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59) T	Bromoform	0.616	0.594	0.625	0.610	0.608	0.611	1.84
60) T	1,2,3-Trichloroprop	1.250	1.208	1.195	1.151	1.113	1.184	4.48
61) T	Isopropylbenzene	3.321	3.265	3.683	3.585	3.463	3.463	5.06
62) T	1,3,5-Trimethylbenz	2.435	2.499	3.069	3.080	3.063	2.829	11.71
63) T	1,2,4-Trimethylbenz	2.405	2.498	3.180	3.142	3.112	2.867	13.31
64) T	1,3-Dichlorobenzene	1.708	1.620	1.648	1.626	1.592	1.639	2.67
65) T	1,4-Dichlorobenzene	1.833	1.706	1.716	1.643	1.615	1.703	4.95
66) S	1,2-Dichlorobenzene	1.037	0.907	0.935	0.969	0.960	0.962	5.05
67) T	1,2-Dichlorobenzene	1.741	1.602	1.653	1.613	1.550	1.632	4.37
68) T	1,2-Dibromo-3-chlor	0.320	0.320	0.344	0.341	0.343	0.334	3.74
69) T	1,3,5-Trichlorobenz	1.002	1.027	1.134	1.092	1.084	1.068	4.99
70) T	1,2,4-trichlorobenz	0.832	0.841	0.994	0.962	0.983	0.922	8.61
71) T	Naphthalene	1.882	2.354	3.419	3.290	3.330	2.855	24.34
72) T	1,2,3-Trichlorobenz	0.817	0.838	1.043	0.933	0.917	0.910	9.84

(#) = Out of Range