

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : SOM2WLM122420S.M
 Title : VOC Analysis
 Last Update : Thu Dec 24 12:31:54 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VW017726.D 5 =VW017727.D 25 =VW017728.D
 50 =VW017729.D 100 =VW017730.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.305	0.312	0.253	0.247	0.262	0.276	11.07
3) T	Chloromethane	0.296	0.247	0.215	0.223	0.246	0.245	12.90
4) S	Vinyl Chloride-d3	0.496	0.409	0.337	0.350	0.342	0.387	17.47
5) T	Vinyl chloride	0.488	0.443	0.385	0.372	0.387	0.415	11.89
6) T	Bromomethane	0.308	0.334	0.306	0.292	0.299	0.308	5.15
7) S	Chloroethane-d5	0.381	0.338	0.283	0.303	0.292	0.319	12.56
8) T	Chloroethane	0.293	0.271	0.248	0.240	0.249	0.260	8.31
9) T	Trichlorofluorometh	0.468	0.310	0.298	0.301	0.326	0.341	21.22
10) S	1,1-Dichloroethene-	0.736	0.725	0.635	0.653	0.622	0.674	7.84
11) T	1,1,2-Trichloro-1,2	0.332	0.339	0.313	0.303	0.302	0.318	5.38
12) T	1,1-Dichloroethene	0.322	0.325	0.305	0.292	0.297	0.308	4.73
13) T	Acetone	0.061	0.060	0.051	0.047	0.051	0.054	11.90
14) T	Carbon disulfide	0.890	0.935	0.932	0.916	0.927	0.920	1.98
15) T	Methyl Acetate	0.108	0.134	0.095	0.089	0.099	0.105	16.68
16) T	Methylene chloride	0.492	0.417	0.298	0.292	0.288	0.358	25.92
17) T	Methyl tert-butyl E	0.408	0.468	0.378	0.346	0.352	0.390	12.76
18) T	trans-1,2-Dichloroe	0.347	0.341	0.328	0.322	0.323	0.332	3.38
19) T	1,1-Dichloroethane	0.579	0.610	0.551	0.543	0.555	0.568	4.84
20) S	2-Butanone-d5	0.070	0.078	0.054	0.055	0.057	0.063	17.12
21)	2-Butanone	0.084	0.084	0.067	0.061	0.069	0.073	14.48
22) T	cis-1,2-Dichloroeth	0.354	0.382	0.340	0.330	0.341	0.349	5.71
23) T	Bromochloromethane	0.147	0.166	0.144	0.135	0.147	0.148	7.56
24) S	Chloroform-d	0.686	0.710	0.607	0.639	0.624	0.653	6.59
25) T	Chloroform	0.619	0.642	0.588	0.565	0.574	0.597	5.40
26) S	1,2-Dichloroethane-	0.369	0.380	0.313	0.319	0.310	0.338	9.91
27) T	1,2-Dichloroethane	0.400	0.446	0.375	0.347	0.364	0.386	10.01

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.548	1.493	1.330	1.380	1.289	1.408	7.76
30) T	Cyclohexane	0.612	0.637	0.599	0.564	0.564	0.595	5.33
31) T	1,1,1-Trichloroetha	0.585	0.607	0.582	0.550	0.551	0.575	4.20
32) T	Carbon tetrachlorid	0.537	0.543	0.553	0.534	0.546	0.543	1.39
33) S	1,2-Dichloropropane	0.431	0.404	0.373	0.377	0.355	0.388	7.68
34) T	Benzene	1.486	1.541	1.414	1.355	1.351	1.429	5.83
35) T	Trichloroethene	0.409	0.420	0.392	0.379	0.378	0.396	4.71
36) T	Methylcyclohexane	0.705	0.729	0.702	0.665	0.658	0.692	4.26
37) S	Toluene-d8	1.440	1.403	1.283	1.349	1.289	1.352	5.11
38) S	trans-1,3-Dichlorop	0.170	0.180	0.165	0.175	0.175	0.173	3.36
39) S	2-Hexanone-d5	0.049	0.059	0.043	0.046	0.047	0.049	12.59
40) T	1,2-Dichloropropane	0.351	0.371	0.335	0.312	0.317	0.337	7.20
41) T	Bromodichloromethan	0.456	0.490	0.463	0.441	0.459	0.462	3.80
42) T	cis-1,3-Dichloropro	0.511	0.574	0.548	0.521	0.538	0.538	4.51
43) T	4-Methyl-2-pentan	0.159	0.201	0.160	0.142	0.158	0.164	13.55
44) T	Toluene	1.656	1.688	1.616	1.569	1.621	1.630	2.74
45) T	trans-1,3-Dichlorop	0.429	0.484	0.467	0.442	0.471	0.459	4.91
46) T	1,1,2-Trichloroetha	0.260	0.291	0.245	0.223	0.236	0.251	10.49
47) T	Tetrachloroethene	0.317	0.315	0.307	0.306	0.301	0.309	2.17
48) S	1,1,2,2-Tetrachloro	0.299	0.326	0.269	0.270	0.276	0.288	8.53
49) T	2-Hexanone	0.109	0.137	0.117	0.104	0.114	0.116	10.59
50) T	Dibromochloromethan	0.273	0.321	0.301	0.287	0.307	0.298	6.13
51) T	1,2-Dibromoethane	0.231	0.277	0.232	0.214	0.233	0.237	9.85
52) T	Chlorobenzene	1.034	1.072	1.022	0.957	1.003	1.018	4.15

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.825	1.925	1.865	1.779	1.854	1.849	2.89
54) T	m,p-Xylene	0.709	0.723	0.732	0.702	0.752	0.723	2.74
55) T	o-xylene	0.661	0.693	0.679	0.673	0.695	0.680	2.06
56) T	Styrene	1.038	1.138	1.137	1.158	1.187	1.132	4.94
57) T	Isopropylbenzene	1.769	1.891	1.902	1.902	1.955	1.884	3.64
58) T	1,1,2,2-Tetrachloro	0.280	0.332	0.272	0.247	0.268	0.280	11.25
59)	1,2,3-Trichloroprop	0.206	0.249	0.200	0.180	0.194	0.206	12.58
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.978	0.913	0.792	0.832	0.838	0.871	8.51
62) T	Bromoform	0.278	0.308	0.299	0.293	0.351	0.306	8.93
63) T	1,3-Dichlorobenzene	1.589	1.610	1.477	1.474	1.564	1.543	4.11
64) T	1,4-Dichlorobenzene	1.609	1.677	1.486	1.466	1.514	1.551	5.78
65) T	1,2-Dichlorobenzene	1.417	1.476	1.306	1.262	1.319	1.356	6.48
66) T	1,2-Dibromo-3-chlor	0.099	0.107	0.084	0.073	0.085	0.089	15.04
67)	1,3,5-Trichlorobenz	1.102	1.116	1.047	0.987	1.038	1.058	4.92
68) T	1,2,4-trichlorobenz	0.953	0.898	0.858	0.785	0.859	0.871	7.09
69)	Naphthalene	1.770	1.892	1.563	1.422	1.643	1.658	10.96
70) T	1,2,3-Trichlorobenz	0.775	0.822	0.699	0.641	0.740	0.735	9.46

(#) = Out of Range