

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : SFAMXLM122321WMA.M
 Title : VOC Analysis
 Last Update : Thu Dec 23 21:00:32 2021
 Response Via : Initial Calibration

Calibration Files

5 =VX025981.D 10 =VX025982.D 50 =VX025983.D 100 =VX025984.D 200 =VX025985.D

Compound		5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.456	0.511	0.506	0.522	0.504	0.500	5.08
3) T	Chloromethane	0.426	0.477	0.470	0.479	0.467	0.464	4.67
4) S	Vinyl Chloride-d3	0.340	0.347	0.364	0.370	0.352	0.355	3.38
5) T	Vinyl chloride	0.429	0.472	0.458	0.482	0.461	0.460	4.35
6) T	Bromomethane	0.276	0.289	0.284	0.251	0.214	0.263	11.80
7) S	Chloroethane-d5	0.276	0.283	0.286	0.291	0.280	0.283	2.05
8) T	Chloroethane	0.269	0.276	0.280	0.287	0.278	0.278	2.39
9) T	Trichlorofluorom...	0.648	0.684	0.706	0.735	0.711	0.697	4.70
10) T	1,1,2-Trichloro-...	0.332	0.365	0.360	0.376	0.363	0.359	4.53
11) S	1,1-Dichloroethe...	0.663	0.680	0.710	0.739	0.720	0.703	4.37
12) T	1,1-Dichloroethene	0.308	0.335	0.338	0.355	0.344	0.336	5.24
13) T	Acetone	0.147	0.167	0.171	0.178	0.177	0.168	7.38
14) T	Carbon disulfide	0.818	0.877	0.927	1.002	1.017	0.928	9.03
15) T	Methyl Acetate	0.428	0.460	0.464	0.493	0.472	0.463	5.09
16) T	Methylene chloride	0.374	0.400	0.383	0.402	0.394	0.391	2.97
17) T	trans-1,2-Dichlo...	0.321	0.360	0.357	0.380	0.371	0.358	6.26
18) T	Methyl tert-buty...	1.014	1.136	1.176	1.255	1.231	1.162	8.21
19) T	1,1-Dichloroethane	0.611	0.659	0.676	0.721	0.707	0.675	6.39
20) T	cis-1,2-Dichloro...	0.353	0.395	0.400	0.431	0.418	0.399	7.47
21) S	2-Butanone-d5	0.280	0.296	0.313	0.329	0.319	0.307	6.41
22) T	2-Butanone	0.273	0.311	0.315	0.337	0.329	0.313	7.97
23) T	Bromochloromethane	0.162	0.200	0.204	0.218	0.212	0.199	11.14
24) S	Chloroform-d	0.654	0.682	0.716	0.757	0.739	0.710	5.90
25) T	Chloroform	0.635	0.694	0.706	0.748	0.737	0.704	6.34
26) S	1,2-Dichloroetha...	0.462	0.460	0.479	0.506	0.495	0.480	4.23
27) T	1,2-Dichloroethane	0.477	0.586	0.585	0.631	0.624	0.581	10.67

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.602	0.663	0.659	0.690	0.671	0.657	5.04
30) T	1,1,1-Trichloroe...	0.527	0.598	0.619	0.652	0.648	0.609	8.37
31) T	Carbon tetrachlo...	0.467	0.518	0.529	0.561	0.564	0.528	7.42
32) S	Benzene-d6	1.396	1.414	1.464	1.504	1.419	1.439	3.05
33) T	Benzene	1.460	1.607	1.612	1.665	1.595	1.588	4.82
34) T	Trichloroethene	0.387	0.402	0.402	0.423	0.416	0.406	3.47
35) T	Methylcyclohexane	0.583	0.639	0.656	0.680	0.657	0.643	5.69
36) S	1,2-Dichloroprop...	0.420	0.436	0.460	0.472	0.449	0.447	4.52
37) T	1,2-Dichloropropane	0.356	0.409	0.409	0.428	0.412	0.403	6.76
38) T	Bromodichloromet...	0.456	0.503	0.539	0.575	0.567	0.528	9.28
39) T	cis-1,3-Dichloro...	0.438	0.528	0.600	0.669	0.660	0.579	16.71
40) T	4-Methyl-2-penta...	0.595	0.658	0.703	0.727	0.705	0.678	7.74
41) S	Toluene-d8	1.309	1.285	1.364	1.407	1.355	1.344	3.56
42) T	Toluene	1.492	1.691	1.733	1.801	1.737	1.691	6.98
43) S	trans-1,3-Dichlo...	0.152	0.156	0.202	0.227	0.236	0.195	20.12
44) T	trans-1,3-Dichlo...	0.387	0.465	0.583	0.648	0.665	0.550	21.86
45) T	1,1,2-Trichloroe...	0.352	0.381	0.397	0.417	0.399	0.389	6.31
46) T	Tetrachloroethene	0.289	0.309	0.311	0.324	0.316	0.310	4.23
47) S	2-Hexanone-d5	0.197	0.215	0.240	0.252	0.251	0.231	10.47
48) T	2-Hexanone	0.434	0.502	0.529	0.562	0.549	0.515	9.89
49) T	Dibromochloromet...	0.315	0.362	0.417	0.453	0.463	0.402	15.58
50) T	1,2-Dibromoethane	0.364	0.396	0.421	0.456	0.442	0.416	8.84
51) T	Chlorobenzene	0.982	1.039	1.076	1.123	1.102	1.064	5.21
52) T	Ethylbenzene	1.583	1.787	1.898	1.969	1.932	1.834	8.50
53) T	m,p-Xylene	0.586	0.682	0.718	0.761	0.754	0.700	10.18
54) T	o-Xylene	0.602	0.680	0.707	0.744	0.733	0.693	8.16
55) T	Styrene	0.896	1.110	1.221	1.316	1.309	1.171	14.91
56) S	1,1,2,2-Tetrachl...	0.620	0.612	0.667	0.715	0.684	0.660	6.59

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57)	T	1,1,2,2-Tetrachl...	0.578	0.645	0.661	0.704	0.682	0.654	7.31
58)	I	1,4-Dichlorobenzen...	-----ISTD-----						
59)	T	Bromoform	0.405	0.469	0.523	0.583	0.601	0.516	15.71
60)		Isopropylbenzene	3.104	3.471	3.525	3.594	3.482	3.435	5.57
61)		1,2,3-Trichlorop...	0.925	1.021	1.022	1.029	0.998	0.999	4.30
62)		1,3,5-Trimethylb...	2.453	2.857	2.989	3.070	3.013	2.876	8.66
63)		1,2,4-Trimethylb...	2.476	2.800	3.001	3.090	3.040	2.881	8.73
64)	T	1,3-Dichlorobenzene	1.369	1.554	1.564	1.609	1.568	1.533	6.14
65)	T	1,4-Dichlorobenzene	1.435	1.562	1.539	1.618	1.562	1.543	4.34
66)	S	1,2-Dichlorobenz...	0.897	0.926	0.973	0.982	0.947	0.945	3.65
67)	T	1,2-Dichlorobenzene	1.378	1.565	1.543	1.572	1.519	1.515	5.24
68)	T	1,2-Dibromo-3-ch...	0.214	0.235	0.271	0.292	0.304	0.263	14.41
69)		1,3,5-Trichlorob...	0.923	1.013	1.062	1.086	1.062	1.029	6.32
70)	T	1,2,4-trichlorob...	0.789	0.865	0.939	0.994	0.994	0.916	9.70
71)		Naphthalene	2.863	3.312	3.663	3.795	3.687	3.464	11.01
72)	T	1,2,3-Trichlorob...	0.787	0.952	0.972	1.021	0.999	0.946	9.80

(#) = Out of Range