

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\
 Method File : SOM2YLM121220S.M
 Title : VOC Analysis
 Last Update : Sat Dec 12 14:40:19 2020
 Response Via : Initial Calibration

Instrument :
 MSVOA_L
 ClientSampleId :

Calibration Files

2.5 =VY003744.D 5 =VY003745.D 25 =VY003746.D
 50 =VY003747.D 100 =VY003748.D

Compound		2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.279	0.261	0.254	0.267	0.256	0.264	3.75
3) T	Chloromethane	0.306	0.277	0.271	0.273	0.268	0.279	5.61
4) S	Vinyl Chloride-d3	0.375	0.346	0.226	0.210	0.209	0.273	29.53
5) T	Vinyl chloride	0.316	0.311	0.298	0.309	0.298	0.307	2.60
6) T	Bromomethane	0.213	0.205	0.194	0.202	0.198	0.202	3.71
7) S	Chloroethane-d5	0.292	0.279	0.197	0.185	0.183	0.227	23.69
8) T	Chloroethane	0.223	0.193	0.193	0.196	0.190	0.199	6.81
9) T	Trichlorofluorometh	0.568	0.542	0.511	0.527	0.505	0.530	4.81
10) S	1,1-Dichloroethene-	0.738	0.733	0.511	0.493	0.488	0.593	22.03
11) T	1,1,2-Trichloro-1,2	0.344	0.330	0.320	0.328	0.314	0.327	3.54
12) T	1,1-Dichloroethene	0.313	0.301	0.292	0.303	0.291	0.300	2.93
13) T	Acetone	0.098	0.079	0.078	0.081	0.076	0.082	10.80
14) T	Carbon disulfide	1.070	0.932	0.927	0.946	0.909	0.957	6.77
15) T	Methyl Acetate	0.213	0.188	0.204	0.214	0.203	0.204	5.12
16) T	Methylene chloride	0.655	0.491	0.351	0.342	0.323	0.432	32.64
17) T	Methyl tert-butyl E	0.874	0.821	0.850	0.897	0.862	0.861	3.25
18) T	trans-1,2-Dichloroe	0.348	0.328	0.320	0.332	0.317	0.329	3.69
19) T	1,1-Dichloroethane	0.641	0.598	0.585	0.605	0.582	0.602	3.92
20) S	2-Butanone-d5	0.121	0.118	0.110	0.107	0.106	0.112	5.87
21) T	2-Butanone	0.165	0.131	0.133	0.143	0.133	0.141	10.01
22) T	cis-1,2-Dichloroeth	0.361	0.353	0.347	0.364	0.350	0.355	1.99
23) T	Bromochloromethane	0.166	0.164	0.165	0.172	0.164	0.166	1.89
24) S	Chloroform-d	0.699	0.685	0.580	0.561	0.547	0.614	11.73
25) T	Chloroform	0.621	0.612	0.588	0.604	0.576	0.600	3.06
26) S	1,2-Dichloroethane-	0.386	0.376	0.326	0.313	0.302	0.340	11.27
27) T	1,2-Dichloroethane	0.428	0.396	0.396	0.410	0.388	0.404	3.89

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.564	1.511	1.123	1.045	1.023	1.253	20.98
30) T	Cyclohexane	0.593	0.565	0.590	0.601	0.588	0.587	2.34
31) T	1,1,1-Trichloroetha	0.619	0.596	0.578	0.582	0.560	0.587	3.75
32) T	Carbon tetrachlorid	0.548	0.522	0.506	0.513	0.494	0.517	3.94
33) S	1,2-Dichloropropane	0.481	0.468	0.376	0.346	0.347	0.404	16.38
34) T	Benzene	1.563	1.472	1.422	1.432	1.368	1.451	5.02
35) T	Trichloroethene	0.423	0.399	0.383	0.395	0.378	0.396	4.43
36) T	Methylcyclohexane	0.617	0.619	0.620	0.634	0.614	0.621	1.24
37) S	Toluene-d8	1.373	1.378	0.933	0.874	0.859	1.083	24.73
38) S	trans-1,3-Dichlorop	0.217	0.215	0.184	0.176	0.174	0.193	10.99
39) S	2-Hexanone-d5	0.096	0.086	0.092	0.092	0.090	0.091	4.04
40) T	1,2-Dichloropropane	0.398	0.381	0.369	0.376	0.356	0.376	4.08
41) T	Bromodichloromethan	0.509	0.483	0.480	0.491	0.471	0.487	2.92
42) T	cis-1,3-Dichloropro	0.560	0.562	0.595	0.612	0.586	0.583	3.81
43) T	4-Methyl-2-pentanone	0.335	0.297	0.323	0.338	0.320	0.323	5.10
44) T	Toluene	1.591	1.554	1.545	1.566	1.490	1.549	2.40
45) T	trans-1,3-Dichlorop	0.549	0.517	0.543	0.561	0.534	0.541	3.05
46) T	1,1,2-Trichloroetha	0.314	0.296	0.295	0.300	0.286	0.298	3.43
47) T	Tetrachloroethene	0.324	0.329	0.308	0.307	0.295	0.313	4.39
48) S	1,1,2,2-Tetrachloro	0.367	0.360	0.360	0.350	0.332	0.354	3.82
49) T	2-Hexanone	0.209	0.197	0.229	0.238	0.226	0.220	7.51
50) T	Dibromochloromethan	0.373	0.344	0.356	0.368	0.353	0.359	3.32
51) T	1,2-Dibromoethane	0.286	0.274	0.288	0.297	0.277	0.284	3.24
52) T	Chlorobenzene	1.079	1.012	0.995	0.999	0.957	1.008	4.41
53) T	Ethylbenzene	1.749	1.717	1.720	1.752	1.673	1.722	1.84
54) T	m,p-Xylene	0.660	0.639	0.661	0.670	0.641	0.654	2.06
55) T	o-xylene	0.638	0.616	0.634	0.648	0.616	0.630	2.21
56) T	Styrene	1.007	1.034	1.089	1.121	1.077	1.066	4.23

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	Compound	2.5	5	25	50	100	Avg	%RSD
57) T	Isopropylbenzene	1.673	1.644	1.701	1.754	1.661	1.687	2.54
58) T	1,1,2,2-Tetrachloro	0.322	0.318	0.331	0.341	0.320	0.326	2.95
59)	1,2,3-Trichloroprop	0.296	0.268	0.275	0.288	0.265	0.278	4.73
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	1.007	0.957	0.798	0.735	0.727	0.845	15.32
62) T	Bromoform	0.453	0.405	0.432	0.468	0.460	0.444	5.72
63) T	1,3-Dichlorobenzene	1.656	1.553	1.494	1.495	1.461	1.532	5.02
64) T	1,4-Dichlorobenzene	1.707	1.554	1.507	1.503	1.453	1.545	6.32
65) T	1,2-Dichlorobenzene	1.512	1.410	1.361	1.372	1.327	1.396	5.09
66) T	1,2-Dibromo-3-chlor	0.126	0.107	0.116	0.121	0.116	0.117	6.07
67)	1,3,5-Trichlorobenz	1.169	1.105	1.063	1.026	1.002	1.073	6.19
68) T	1,2,4-trichlorobenz	0.999	0.907	0.899	0.880	0.869	0.911	5.65
69)	Naphthalene	1.688	1.528	1.732	1.821	1.799	1.714	6.79
70) T	1,2,3-Trichlorobenz	0.879	0.812	0.799	0.776	0.777	0.809	5.24

(#) = Out of Range