

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX050219\
 Data File : VX009271.D
 Acq On : 02 May 2019 12:42
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 03 07:31:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	95	0.00
2 M	Dichlorodifluoromethane	20.000	20.061	-0.3	96	0.00
3 M	Chloromethane	20.000	20.247	-1.2	98	0.00
4 M	Vinyl Chloride	20.000	19.578	2.1	94	0.00
5 M	Bromomethane	20.000	18.667	6.7	100	0.00
6 M	Chloroethane	20.000	18.779	6.1	88	0.00
7 M	Trichlorofluoromethane	20.000	19.941	0.3	97	0.00
8 T	Diethyl Ether	20.000	19.513	2.4	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.313	-1.6	98	0.00
10 M	1,1-Dichloroethene	20.000	20.024	-0.1	96	0.00
11	Methyl Iodide	20.000	19.045	4.8	99	0.00
12	Methyl Acetate	20.000	19.193	4.0	95	0.00
13 M	Acrolein	100.000	88.479	11.5	92	0.00
14 M	Acrylonitrile	100.000	98.124	1.9	96	0.00
15 M	Acetone	100.000	92.299	7.7	87	0.00
16 M	Carbon Disulfide	20.000	19.704	1.5	96	0.00
17	Allyl chloride	20.000	19.516	2.4	96	0.00
18 M	Methylene Chloride	20.000	20.065	-0.3	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.884	0.6	97	0.00
20 T	Diisopropyl ether	20.000	19.617	1.9	95	0.00
21 M	1,1-Dichloroethane	20.000	19.620	1.9	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.668	1.7	96	0.00
23 M	tert-Butyl Alcohol	100.000	94.724	5.3	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.650	1.8	97	0.00
25 M	Chloroform	20.000	19.949	0.3	97	0.00
26	Cyclohexane	20.000	20.108	-0.5	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.582	1.4	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	19.754	1.2	96	0.00
30 M	2-Butanone	100.000	96.707	3.3	94	0.00
31	2,2-Dichloropropane	20.000	18.689	6.6	91	0.00
32 M	1,1,1-Trichloroethane	20.000	19.910	0.4	99	0.00
33 M	Carbon Tetrachloride	20.000	19.540	2.3	96	0.00
34 M	Benzene	20.000	19.991	0.0	96	0.00
35	Methacrylonitrile	20.000	20.213	-1.1	98	0.00
36 M	1,2-Dichloroethane	20.000	19.990	0.1	97	0.00
37 M	Trichloroethene	20.000	19.710	1.4	97	0.00
38	Methylcyclohexane	20.000	20.317	-1.6	99	0.00
39 M	1,2-Dichloropropane	20.000	19.386	3.1	95	0.00
40	Dibromomethane	20.000	20.165	-0.8	98	0.00
41 M	Bromodichloromethane	20.000	19.671	1.6	97	0.00
42 M	Vinyl Acetate	100.000	99.742	0.3	96	0.00
43	Ethyl Acetate	20.000	19.817	0.9	94	0.00
44	Isopropyl Acetate	20.000	19.244	3.8	96	0.00
45 T	1,4-Dioxane	400.000	396.743	0.8	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.418	2.9	95	0.00
47	n-amyl Acetate	20.000	18.959	5.2	95	0.00
48 M	t-1,3-Dichloropropene	20.000	19.018	4.9	96	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.216	3.9	96	0.00
50 M	1,1,2-Trichloroethane	20.000	20.029	-0.1	97	0.00
51	Ethyl methacrylate	20.000	19.434	2.8	96	0.00
52	1,3-Dichloropropane	20.000	19.686	1.6	95	0.00
53 M	Dibromochloromethane	20.000	19.531	2.3	98	0.00
54 M	1,2-Dibromoethane	20.000	19.519	2.4	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.054	5.9	88	0.00
56 M	Bromoform	20.000	18.715	6.4	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.728	1.3	96	0.00
59 M	2-Hexanone	100.000	97.041	3.0	94	0.00
60 S	4-Bromofluorobenzene	30.000	29.937	0.2	96	0.00
61 M	Tetrachloroethene	20.000	20.525	-2.6	100	0.00
62 M	Toluene	20.000	20.126	-0.6	97	0.00
63 S	Toluene-d8	30.000	30.176	-0.6	96	0.00
64 M	Chlorobenzene	20.000	19.745	1.3	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.649	1.8	98	0.00
66 M	Ethyl Benzene	20.000	19.900	0.5	97	0.00
67 M	m/p-Xylenes	40.000	40.118	-0.3	98	0.00
68 M	o-Xylene	20.000	19.875	0.6	98	0.00
69 M	Styrene	20.000	19.816	0.9	98	0.00
70	Isopropylbenzene	20.000	20.278	-1.4	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.743	1.3	98	0.00
72	1,2,3-Trichloropropane	20.000	20.027	-0.1	97	0.00
73	Bromobenzene	20.000	19.493	2.5	96	0.00
74	n-propylbenzene	20.000	20.112	-0.6	99	0.00
75	2-Chlorotoluene	20.000	19.902	0.5	98	0.00
76	1,3,5-Trimethylbenzene	20.000	20.058	-0.3	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.015	9.9	96	0.00
78	4-Chlorotoluene	20.000	19.906	0.5	99	0.00
79	tert-butylbenzene	20.000	19.872	0.6	98	0.00
80	1,2,4-Trimethylbenzene	20.000	20.033	-0.2	99	0.00
81	sec-Butylbenzene	20.000	20.352	-1.8	101	0.00
82	p-Isopropyltoluene	20.000	20.003	-0.0	99	0.00
83 M	1,3-Dichlorobenzene	20.000	19.628	1.9	99	0.00
84 M	1,4-Dichlorobenzene	20.000	19.772	1.1	101	0.00
85	n-Butylbenzene	20.000	19.813	0.9	101	0.00
86 T	Hexachloroethane	20.000	18.984	5.1	94	0.00
87 M	1,2-Dichlorobenzene	20.000	19.599	2.0	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.164	4.2	96	0.00
89	1,2,4-Trichlorobenzene	20.000	19.726	1.4	102	0.00
90	Hexachlorobutadiene	20.000	19.933	0.3	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.269	-1.3	100	0.00
92	1,2,3-Trichlorobenzene	20.000	20.574	-2.9	103	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0