

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX031119\
 Data File : VX007960.D
 Acq On : 11 Mar 2019 09:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 12 08:15:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 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	103	0.00
2 M	Dichlorodifluoromethane	50.000	18.922	62.2#	40	0.00
3 M	Chloromethane	50.000	17.601	64.8#	38	0.00
4 M	Vinyl Chloride	50.000	17.759	64.5#	40	0.00
5 M	Bromomethane	50.000	18.246	63.5#	44	0.00
6 M	Chloroethane	50.000	17.677	64.6#	40	0.00
7 M	Trichlorofluoromethane	50.000	18.312	63.4#	42	0.00
8 T	Diethyl Ether	50.000	19.125	61.8#	41	0.00
9	1,1,2-Trichlorotrifluoroeth	50.000	19.942	60.1#	43	0.00
10 M	1,1-Dichloroethene	50.000	19.405	61.2#	42	0.00
11	Methyl Iodide	50.000	19.224	61.6#	40	0.00
12	Methyl Acetate	50.000	18.211	63.6#	41	0.00
13 M	Acrolein	250.000	86.302	65.5#	40	0.00
14 M	Acrylonitrile	250.000	95.238	61.9#	41	0.00
15 M	Acetone	250.000	99.464	60.2#	41	0.00
16 M	Carbon Disulfide	50.000	19.000	62.0#	41	0.00
17	Allyl chloride	50.000	18.973	62.1#	41	0.00
18 M	Methylene Chloride	50.000	18.677	62.6#	41	0.00
19 M	trans-1,2-Dichloroethene	50.000	19.589	60.8#	42	0.00
20 T	Diisopropyl ether	50.000	19.704	60.6#	42	0.00
21 M	1,1-Dichloroethane	50.000	18.974	62.1#	41	0.00
22 M	cis-1,2-Dichloroethene	50.000	18.910	62.2#	41	0.00
23 M	tert-Butyl Alcohol	250.000	98.664	60.5#	42	0.00
24 M	Methyl tert-Butyl Ether	50.000	19.538	60.9#	42	0.00
25 M	Chloroform	50.000	19.013	62.0#	41	0.00
26	Cyclohexane	50.000	18.942	62.1#	40	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.693	1.0	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	50.000	19.189	61.6#	41	0.00
30 M	2-Butanone	250.000	96.602	61.4#	40	0.00
31	2,2-Dichloropropane	50.000	20.625	58.8#	44	0.00
32 M	1,1,1-Trichloroethane	50.000	19.734	60.5#	42	0.00
33 M	Carbon Tetrachloride	50.000	19.831	60.3#	42	0.00
34 M	Benzene	50.000	18.764	62.5#	40	0.00
35	Methacrylonitrile	50.000	18.292	63.4#	39	0.00
36 M	1,2-Dichloroethane	50.000	18.811	62.4#	41	0.00
37 M	Trichloroethene	50.000	19.546	60.9#	42	0.00
38	Methylcyclohexane	50.000	19.375	61.3#	41	0.00
39 M	1,2-Dichloropropane	50.000	18.726	62.5#	40	0.00
40	Dibromomethane	50.000	19.023	62.0#	41	0.00
41 M	Bromodichloromethane	50.000	18.992	62.0#	40	0.00
42 M	Vinyl Acetate	250.000	100.531	59.8#	42	0.00
43	Ethyl Acetate	50.000	18.435	63.1#	39	0.00
44	Isopropyl Acetate	50.000	18.637	62.7#	39	0.00
45 T	1,4-Dioxane	1000.000	384.851	61.5#	40	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	50.000	18.586	62.8#	39	0.00
47	n-amyl Acetate	50.000	18.170	63.7#	38	0.00
48 M	t-1,3-Dichloropropene	50.000	19.144	61.7#	39	0.00
49 T	cis-1,3-Dichloropropene	50.000	19.111	61.8#	40	0.00
50 M	1,1,2-Trichloroethane	50.000	19.092	61.8#	41	0.00
51	Ethyl methacrylate	50.000	18.617	62.8#	38	0.00
52	1,3-Dichloropropane	50.000	19.008	62.0#	40	0.00
53 M	Dibromochloromethane	50.000	19.413	61.2#	40	0.00
54 M	1,2-Dibromoethane	50.000	19.249	61.5#	41	0.00
55 M	2-Chloroethyl vinyl ether	250.000	95.431	61.8#	40	0.00
56 M	Bromoform	50.000	19.291	61.4#	40	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	250.000	95.536	61.8#	39	0.00
59 M	2-Hexanone	250.000	96.160	61.5#	40	0.00
60 S	4-Bromofluorobenzene	30.000	30.353	-1.2	105	0.00
61 M	Tetrachloroethene	50.000	20.834	58.3#	45	0.00
62 M	Toluene	50.000	18.960	62.1#	40	0.00
63 S	Toluene-d8	30.000	30.386	-1.3	105	0.00
64 M	Chlorobenzene	50.000	19.087	61.8#	41	0.00
65	1,1,1,2-Tetrachloroethane	50.000	19.876	60.2#	42	0.00
66 M	Ethyl Benzene	50.000	18.862	62.3#	40	0.00
67 M	m/p-Xylenes	100.000	38.186	61.8#	40	0.00
68 M	o-Xylene	50.000	19.093	61.8#	40	0.00
69 M	Styrene	50.000	19.116	61.8#	40	0.00
70	Isopropylbenzene	50.000	19.486	61.0#	41	0.00
71 M	1,1,2,2-Tetrachloroethane	50.000	18.693	62.6#	40	0.00
72	1,2,3-Trichloropropane	50.000	19.505	61.0#	41	0.00
73	Bromobenzene	50.000	19.420	61.2#	41	0.00
74	n-propylbenzene	50.000	19.389	61.2#	41	0.00
75	2-Chlorotoluene	50.000	19.179	61.6#	41	0.00
76	1,3,5-Trimethylbenzene	50.000	19.544	60.9#	41	0.00
77	t-1,4-Dichloro-2-butene	50.000	19.496	61.0#	39	0.00
78	4-Chlorotoluene	50.000	19.428	61.1#	41	0.00
79	tert-butylbenzene	50.000	19.727	60.5#	41	0.00
80	1,2,4-Trimethylbenzene	50.000	19.586	60.8#	41	0.00
81	sec-Butylbenzene	50.000	19.429	61.1#	41	0.00
82	p-Isopropyltoluene	50.000	19.727	60.5#	41	0.00
83 M	1,3-Dichlorobenzene	50.000	19.450	61.1#	41	0.00
84 M	1,4-Dichlorobenzene	50.000	19.215	61.6#	41	0.00
85	n-Butylbenzene	50.000	19.084	61.8#	40	0.00
86 T	Hexachloroethane	50.000	19.883	60.2#	41	0.00
87 M	1,2-Dichlorobenzene	50.000	19.449	61.1#	42	0.00
88	1,2-Dibromo-3-Chloropropane	50.000	18.973	62.1#	40	0.00
89	1,2,4-Trichlorobenzene	50.000	19.516	61.0#	42	0.00
90	Hexachlorobutadiene	50.000	19.412	61.2#	41	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	50.000	19.103	61.8#	40	0.00
92	1,2,3-Trichlorobenzene	50.000	19.522	61.0#	42	0.00

(#) = Out of Range

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