

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031119\
 Data File : VX007967.D
 Acq On : 11 Mar 2019 13:30
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 12 08:34:39 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	91	0.00
2 M	Dichlorodifluoromethane	50.000	18.740	62.5#	35	0.00
3 M	Chloromethane	50.000	17.762	64.5#	34	0.00
4 M	Vinyl Chloride	50.000	18.288	63.4#	36	0.00
5 M	Bromomethane	50.000	18.526	62.9#	39	0.00
6 M	Chloroethane	50.000	18.537	62.9#	37	0.00
7 M	Trichlorofluoromethane	50.000	19.031	61.9#	38	0.00
8 T	Diethyl Ether	50.000	19.999	60.0#	38	0.00
9	1,1,2-Trichlorotrifluoroeth	50.000	19.184	61.6#	36	0.00
10 M	1,1-Dichloroethene	50.000	19.983	60.0#	38	0.00
11	Methyl Iodide	50.000	15.375	69.3#	28	0.00
12	Methyl Acetate	50.000	19.325	61.4#	38	0.00
13 M	Acrolein	250.000	102.079	59.2#	42	0.00
14 M	Acrylonitrile	250.000	100.087	60.0#	37	0.00
15 M	Acetone	250.000	78.272	68.7#	29	0.00
16 M	Carbon Disulfide	50.000	19.597	60.8#	37	0.00
17	Allyl chloride	50.000	19.448	61.1#	36	0.00
18 M	Methylene Chloride	50.000	19.557	60.9#	38	0.00
19 M	trans-1,2-Dichloroethene	50.000	19.869	60.3#	38	0.00
20 T	Diisopropyl ether	50.000	19.707	60.6#	37	0.00
21 M	1,1-Dichloroethane	50.000	19.822	60.4#	38	0.00
22 M	cis-1,2-Dichloroethene	50.000	19.753	60.5#	38	0.00
23 M	tert-Butyl Alcohol	250.000	97.739	60.9#	37	0.00
24 M	Methyl tert-Butyl Ether	50.000	20.235	59.5#	38	0.00
25 M	Chloroform	50.000	19.754	60.5#	38	0.00
26	Cyclohexane	50.000	19.110	61.8#	36	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.680	1.1	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	50.000	19.790	60.4#	37	0.00
30 M	2-Butanone	250.000	93.699	62.5#	34	0.00
31	2,2-Dichloropropane	50.000	20.110	59.8#	37	0.00
32 M	1,1,1-Trichloroethane	50.000	20.513	59.0#	38	0.00
33 M	Carbon Tetrachloride	50.000	20.139	59.7#	37	0.00
34 M	Benzene	50.000	20.362	59.3#	38	0.00
35	Methacrylonitrile	50.000	20.301	59.4#	37	0.00
36 M	1,2-Dichloroethane	50.000	20.001	60.0#	38	0.00
37 M	Trichloroethene	50.000	20.415	59.2#	38	0.00
38	Methylcyclohexane	50.000	18.853	62.3#	35	0.00
39 M	1,2-Dichloropropane	50.000	20.408	59.2#	37	0.00
40	Dibromomethane	50.000	20.144	59.7#	37	0.00
41 M	Bromodichloromethane	50.000	20.130	59.7#	37	0.00
42 M	Vinyl Acetate	250.000	101.907	59.2#	37	0.00
43	Ethyl Acetate	50.000	19.587	60.8#	36	0.00
44	Isopropyl Acetate	50.000	20.094	59.8#	36	0.00
45 T	1,4-Dioxane	1000.000	355.676	64.4#	32	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	50.000	19.879	60.2#	36	0.00
47	n-amyl Acetate	50.000	19.726	60.5#	36	0.00
48 M	t-1,3-Dichloropropene	50.000	20.060	59.9#	36	0.00
49 T	cis-1,3-Dichloropropene	50.000	19.868	60.3#	36	0.00
50 M	1,1,2-Trichloroethane	50.000	20.502	59.0#	38	0.00
51	Ethyl methacrylate	50.000	20.029	59.9#	36	0.00
52	1,3-Dichloropropane	50.000	20.398	59.2#	38	0.00
53 M	Dibromochloromethane	50.000	20.298	59.4#	37	0.00
54 M	1,2-Dibromoethane	50.000	20.640	58.7#	38	0.00
55 M	2-Chloroethyl vinyl ether	250.000	96.346	61.5#	35	0.00
56 M	Bromoform	50.000	19.939	60.1#	35	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	250.000	103.591	58.6#	37	0.00
59 M	2-Hexanone	250.000	98.797	60.5#	35	0.00
60 S	4-Bromofluorobenzene	30.000	29.733	0.9	88	0.00
61 M	Tetrachloroethene	50.000	20.809	58.4#	38	0.00
62 M	Toluene	50.000	20.164	59.7#	37	0.00
63 S	Toluene-d8	30.000	29.934	0.2	89	0.00
64 M	Chlorobenzene	50.000	20.222	59.6#	37	0.00
65	1,1,1,2-Tetrachloroethane	50.000	20.952	58.1#	38	0.00
66 M	Ethyl Benzene	50.000	19.908	60.2#	36	0.00
67 M	m/p-Xylenes	100.000	39.908	60.1#	36	0.00
68 M	o-Xylene	50.000	19.925	60.2#	36	0.00
69 M	Styrene	50.000	20.042	59.9#	36	0.00
70	Isopropylbenzene	50.000	20.081	59.8#	36	0.00
71 M	1,1,2,2-Tetrachloroethane	50.000	20.680	58.6#	38	0.00
72	1,2,3-Trichloropropane	50.000	20.704	58.6#	37	0.00
73	Bromobenzene	50.000	20.434	59.1#	37	0.00
74	n-propylbenzene	50.000	19.695	60.6#	35	0.00
75	2-Chlorotoluene	50.000	19.981	60.0#	36	0.00
76	1,3,5-Trimethylbenzene	50.000	20.063	59.9#	36	0.00
77	t-1,4-Dichloro-2-butene	50.000	18.792	62.4#	33	0.00
78	4-Chlorotoluene	50.000	19.927	60.1#	36	0.00
79	tert-butylbenzene	50.000	19.841	60.3#	35	0.00
80	1,2,4-Trimethylbenzene	50.000	20.371	59.3#	37	0.00
81	sec-Butylbenzene	50.000	19.708	60.6#	35	0.00
82	p-Isopropyltoluene	50.000	19.841	60.3#	35	0.00
83 M	1,3-Dichlorobenzene	50.000	19.920	60.2#	36	0.00
84 M	1,4-Dichlorobenzene	50.000	19.910	60.2#	37	0.00
85	n-Butylbenzene	50.000	19.032	61.9#	34	0.00
86 T	Hexachloroethane	50.000	19.234	61.5#	34	0.00
87 M	1,2-Dichlorobenzene	50.000	20.351	59.3#	37	0.00
88	1,2-Dibromo-3-Chloropropane	50.000	19.914	60.2#	36	0.00
89	1,2,4-Trichlorobenzene	50.000	19.766	60.5#	36	0.00
90	Hexachlorobutadiene	50.000	19.014	62.0#	35	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	50.000	20.535	58.9#	37	0.00
92	1,2,3-Trichlorobenzene	50.000	20.093	59.8#	37	0.00

(#) = Out of Range

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