

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001309.D
 Acq On : 02 May 2018 10:06
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 03 05:07:32 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 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	85	0.00
2 M	Dichlorodifluoromethane	20.000	17.332	13.3	68	0.00
3 M	Chloromethane	20.000	17.530	12.3	69	0.00
4 M	Vinyl Chloride	20.000	17.435	12.8	69	0.00
5 M	Bromomethane	20.000	16.539	17.3	69	0.00
6 M	Chloroethane	20.000	17.376	13.1	71	0.00
7 M	Trichlorofluoromethane	20.000	18.026	9.9	73	0.00
8 T	Diethyl Ether	20.000	17.724	11.4	74	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.740	6.3	78	0.00
10 M	1,1-Dichloroethene	20.000	17.735	11.3	75	0.00
11	Methyl Iodide	20.000	22.038	-10.2	102	0.00
12	Methyl Acetate	20.000	19.547	2.3	81	0.00
13 M	Acrolein	100.000	50.137	49.9#	42	0.00
14 M	Acrylonitrile	100.000	92.167	7.8	77	0.00
15 M	Acetone	100.000	89.524	10.5	73	0.00
16 M	Carbon Disulfide	20.000	15.553	22.2	67	0.00
17	Allyl chloride	20.000	17.274	13.6	72	0.00
18 M	Methylene Chloride	20.000	17.938	10.3	74	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.211	13.9	72	0.00
20 T	Diisopropyl ether	20.000	16.897	15.5	72	0.00
21 M	1,1-Dichloroethane	20.000	18.247	8.8	73	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.183	14.1	71	0.00
23 M	tert-Butyl Alcohol	100.000	100.780	-0.8	85	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.626	11.9	74	0.00
25 M	Chloroform	20.000	16.940	15.3	71	0.00
26	Cyclohexane	20.000	16.469	17.7	69	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.879	3.7	81	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	17.207	14.0	71	0.00
30 M	2-Butanone	100.000	89.453	10.5	72	0.00
31	2,2-Dichloropropane	20.000	16.196	19.0	66	0.00
32 M	1,1,1-Trichloroethane	20.000	16.821	15.9	69	0.00
33 M	Carbon Tetrachloride	20.000	16.674	16.6	71	0.00
34 M	Benzene	20.000	17.250	13.8	70	0.00
35	Methacrylonitrile	20.000	17.660	11.7	73	0.00
36 M	1,2-Dichloroethane	20.000	17.377	13.1	71	0.00
37 M	Trichloroethene	20.000	17.683	11.6	72	0.00
38	Methylcyclohexane	20.000	17.391	13.0	72	0.00
39 M	1,2-Dichloropropane	20.000	17.412	12.9	71	0.00
40	Dibromomethane	20.000	17.713	11.4	72	0.00
41 M	Bromodichloromethane	20.000	16.351	18.2	68	0.00
42 M	Vinyl Acetate	100.000	86.969	13.0	71	0.00
43	Ethyl Acetate	20.000	17.364	13.2	73	0.00
44	Isopropyl Acetate	20.000	16.372	18.1	69	0.00
45 T	1,4-Dioxane	400.000	409.812	-2.5	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	16.583	17.1	70	0.00
47	n-amyl Acetate	20.000	15.471	22.6	67	0.00
48 M	t-1,3-Dichloropropene	20.000	16.194	19.0	69	0.00
49 T	cis-1,3-Dichloropropene	20.000	14.759	26.2	63	0.00
50 M	1,1,2-Trichloroethane	20.000	17.873	10.6	72	0.00
51	Ethyl methacrylate	20.000	16.624	16.9	70	0.00
52	1,3-Dichloropropane	20.000	17.639	11.8	72	0.00
53 M	Dibromochloromethane	20.000	15.753	21.2	68	0.00
54 M	1,2-Dibromoethane	20.000	17.233	13.8	72	0.00
55 M	2-Chloroethyl vinyl ether	100.000	111.098	-11.1	90	0.00
56 M	Bromoform	20.000	15.180	24.1	69	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.925	12.1	72	0.00
59 M	2-Hexanone	100.000	87.241	12.8	73	0.00
60 S	4-Bromofluorobenzene	30.000	28.352	5.5	81	0.00
61 M	Tetrachloroethene	20.000	20.666	-3.3	81	0.00
62 M	Toluene	20.000	17.161	14.2	71	0.00
63 S	Toluene-d8	30.000	29.906	0.3	83	0.00
64 M	Chlorobenzene	20.000	17.043	14.8	71	0.00
65	1,1,1,2-Tetrachloroethane	20.000	16.183	19.1	67	0.00
66 M	Ethyl Benzene	20.000	16.635	16.8	69	0.00
67 M	m/p-Xylenes	40.000	33.317	16.7	71	0.00
68 M	o-Xylene	20.000	16.769	16.2	70	0.00
69 M	Styrene	20.000	16.382	18.1	69	0.00
70	Isopropylbenzene	20.000	16.901	15.5	71	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.181	19.1	69	0.00
72	1,2,3-Trichloropropane	20.000	17.739	11.3	71	0.00
73	Bromobenzene	20.000	16.790	16.1	72	0.00
74	n-propylbenzene	20.000	16.884	15.6	72	0.00
75	2-Chlorotoluene	20.000	16.920	15.4	72	0.00
76	1,3,5-Trimethylbenzene	20.000	17.033	14.8	73	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.443	32.8#	66	0.00
78	4-Chlorotoluene	20.000	16.295	18.5	69	0.00
79	tert-butylbenzene	20.000	17.270	13.7	74	0.00
80	1,2,4-Trimethylbenzene	20.000	16.897	15.5	71	0.00
81	sec-Butylbenzene	20.000	17.399	13.0	74	0.00
82	p-Isopropyltoluene	20.000	17.270	13.7	74	0.00
83 M	1,3-Dichlorobenzene	20.000	16.900	15.5	72	0.00
84 M	1,4-Dichlorobenzene	20.000	16.539	17.3	70	0.00
85	n-Butylbenzene	20.000	16.541	17.3	73	0.00
86 T	Hexachloroethane	20.000	15.036	24.8	67	0.00
87 M	1,2-Dichlorobenzene	20.000	16.736	16.3	71	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.580	22.1	68	0.00
89	1,2,4-Trichlorobenzene	20.000	16.666	16.7	72	0.00
90	Hexachlorobutadiene	20.000	19.850	0.7	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.898	15.5	72	0.00
92	1,2,3-Trichlorobenzene	20.000	17.245	13.8	74	0.00

(#) = Out of Range

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