

Data Path : W:\HPCHEM1\MSVOA X\Data\VX050918\
 Data File : VX001553.D
 Acq On : 09 May 2018 13:11
 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 10 04:37:22 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	151	-0.01
2 M	Dichlorodifluoromethane	20.000	15.733	21.3	109	0.00
3 M	Chloromethane	20.000	15.164	24.2	106	0.00
4 M	Vinyl Chloride	20.000	15.539	22.3	110	0.00
5 M	Bromomethane	20.000	13.961	30.2#	103	0.00
6 M	Chloroethane	20.000	16.281	18.6	118	0.00
7 M	Trichlorofluoromethane	20.000	14.794	26.0	107	0.00
8 T	Diethyl Ether	20.000	15.634	21.8	116	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	15.505	22.5	115	0.00
10 M	1,1-Dichloroethene	20.000	14.834	25.8	111	0.00
11	Methyl Iodide	20.000	17.304	13.5	143	0.00
12	Methyl Acetate	20.000	18.080	9.6	133	0.00
13 M	Acrolein	100.000	30.015	70.0#	44	0.00
14 M	Acrylonitrile	100.000	83.785	16.2	124	0.00
15 M	Acetone	100.000	83.641	16.4	122	0.00
16 M	Carbon Disulfide	20.000	12.817	35.9#	97	0.00
17	Allyl chloride	20.000	15.229	23.9	112	0.00
18 M	Methylene Chloride	20.000	15.210	23.9	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	14.633	26.8	109	0.00
20 T	Diisopropyl ether	20.000	15.058	24.7	114	0.00
21 M	1,1-Dichloroethane	20.000	15.847	20.8	113	0.00
22 M	cis-1,2-Dichloroethene	20.000	14.648	26.8	108	0.00
23 M	tert-Butyl Alcohol	100.000	94.398	5.6	141	0.00
24 M	Methyl tert-Butyl Ether	20.000	14.827	25.9	110	0.00
25 M	Chloroform	20.000	15.126	24.4	112	-0.01
26	Cyclohexane	20.000	14.413	27.9	107	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.548	-1.8	152	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	144	0.00
29	1,1-Dichloropropene	20.000	15.045	24.8	110	0.00
30 M	2-Butanone	100.000	82.784	17.2	117	0.00
31	2,2-Dichloropropane	20.000	14.676	26.6	105	0.00
32 M	1,1,1-Trichloroethane	20.000	15.025	24.9	108	0.00
33 M	Carbon Tetrachloride	20.000	14.935	25.3	111	0.00
34 M	Benzene	20.000	15.017	24.9	106	0.00
35	Methacrylonitrile	20.000	16.188	19.1	117	0.00
36 M	1,2-Dichloroethane	20.000	15.787	21.1	113	0.00
37 M	Trichloroethene	20.000	15.321	23.4	110	0.00
38	Methylcyclohexane	20.000	15.072	24.6	110	0.00
39 M	1,2-Dichloropropane	20.000	15.016	24.9	108	0.00
40	Dibromomethane	20.000	15.231	23.8	109	0.00
41 M	Bromodichloromethane	20.000	14.626	26.9	107	0.00
42 M	Vinyl Acetate	100.000	75.506	24.5	108	0.00
43	Ethyl Acetate	20.000	15.088	24.6	111	0.00
44	Isopropyl Acetate	20.000	14.625	26.9	109	0.00
45 T	1,4-Dioxane	400.000	354.583	11.4	137	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	15.107	24.5	111	0.00
47	n-amyl Acetate	20.000	12.867	35.7#	98	0.00
48 M	t-1,3-Dichloropropene	20.000	13.932	30.3#	104	0.00
49 T	cis-1,3-Dichloropropene	20.000	13.411	32.9#	101	0.00
50 M	1,1,2-Trichloroethane	20.000	15.289	23.6	108	0.00
51	Ethyl methacrylate	20.000	14.106	29.5	105	0.00
52	1,3-Dichloropropane	20.000	15.418	22.9	110	0.00
53 M	Dibromochloromethane	20.000	13.688	31.6#	104	0.00
54 M	1,2-Dibromoethane	20.000	14.544	27.3	106	0.00
55 M	2-Chloroethyl vinyl ether	100.000	79.877	20.1	114	0.00
56 M	Bromoform	20.000	12.585	37.1#	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	144	0.00
58 M	4-Methyl-2-Pentanone	100.000	79.574	20.4	113	0.00
59 M	2-Hexanone	100.000	78.478	21.5	113	0.00
60 S	4-Bromofluorobenzene	30.000	28.556	4.8	140	0.00
61 M	Tetrachloroethene	20.000	17.485	12.6	118	0.00
62 M	Toluene	20.000	15.002	25.0	108	0.00
63 S	Toluene-d8	30.000	31.033	-3.4	149	0.00
64 M	Chlorobenzene	20.000	14.617	26.9	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	14.749	26.3	105	0.00
66 M	Ethyl Benzene	20.000	14.391	28.0	104	0.00
67 M	m/p-Xylenes	40.000	29.146	27.1	107	0.00
68 M	o-Xylene	20.000	14.415	27.9	104	0.00
69 M	Styrene	20.000	14.143	29.3	103	0.00
70	Isopropylbenzene	20.000	14.380	28.1	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	14.128	29.4	104	0.00
72	1,2,3-Trichloropropane	20.000	13.689	31.6#	95	0.00
73	Bromobenzene	20.000	14.020	29.9	103	0.00
74	n-propylbenzene	20.000	14.479	27.6	106	0.00
75	2-Chlorotoluene	20.000	14.504	27.5	107	0.00
76	1,3,5-Trimethylbenzene	20.000	14.413	27.9	106	0.00
77	t-1,4-Dichloro-2-butene	20.000	12.609	37.0#	107	0.00
78	4-Chlorotoluene	20.000	13.866	30.7#	102	0.00
79	tert-butylbenzene	20.000	14.990	25.1	110	0.00
80	1,2,4-Trimethylbenzene	20.000	14.414	27.9	104	0.00
81	sec-Butylbenzene	20.000	14.975	25.1	110	0.00
82	p-Isopropyltoluene	20.000	14.990	25.1	110	0.00
83 M	1,3-Dichlorobenzene	20.000	14.245	28.8	105	0.00
84 M	1,4-Dichlorobenzene	20.000	13.941	30.3#	102	0.00
85	n-Butylbenzene	20.000	13.898	30.5#	106	0.00
86 T	Hexachloroethane	20.000	13.684	31.6#	106	0.00
87 M	1,2-Dichlorobenzene	20.000	14.308	28.5	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.303	28.5	108	0.00
89	1,2,4-Trichlorobenzene	20.000	13.820	30.9#	103	0.00
90	Hexachlorobutadiene	20.000	16.905	15.5	130	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.325	28.4	105	0.00
92	1,2,3-Trichlorobenzene	20.000	14.337	28.3	107	0.00

(#) = Out of Range

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