

Data Path : W:\HPCHEM1\MSVOA X\Data\VX030818\
 Data File : VX000214.D
 Acq On : 08 Mar 2018 09:45
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 08 12:55:07 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 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	163	0.00
2 M	Dichlorodifluoromethane	20.000	11.824	40.9#	98	0.00
3 M	Chloromethane	20.000	10.693	46.5#	86	0.00
4 M	Vinyl Chloride	20.000	10.634	46.8#	87	0.00
5 M	Bromomethane	20.000	9.861	50.7#	82	0.00
6 M	Chloroethane	20.000	11.569	42.2#	96	0.00
7 M	Trichlorofluoromethane	20.000	12.944	35.3#	107	0.00
8 T	Diethyl Ether	20.000	13.797	31.0#	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	14.015	29.9	114	0.00
10 M	1,1-Dichloroethene	20.000	11.154	44.2#	90	0.00
11	Methyl Iodide	20.000	9.679	51.6#	95	0.00
12	Methyl Acetate	20.000	18.879	5.6	153	0.00
13 M	Acrolein	100.000	111.753	-11.8	191	0.00
14 M	Acrylonitrile	100.000	84.369	15.6	137	-0.01
15 M	Acetone	100.000	108.303	-8.3	168	0.00
16 M	Carbon Disulfide	20.000	5.707	71.5#	47	0.00
17	Allyl chloride	20.000	14.194	29.0	117	0.00
18 M	Methylene Chloride	20.000	12.940	35.3#	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	11.529	42.4#	95	0.00
20 T	Diisopropyl ether	20.000	19.174	4.1	163	-0.01
21 M	1,1-Dichloroethane	20.000	15.524	22.4	122	0.00
22 M	cis-1,2-Dichloroethene	20.000	14.109	29.5	116	0.00
23 M	tert-Butyl Alcohol	100.000	88.218	11.8	140	-0.02
24 M	Methyl tert-Butyl Ether	20.000	15.757	21.2	129	0.00
25 M	Chloroform	20.000	16.029	19.9	132	0.00
26	Cyclohexane	20.000	11.582	42.1#	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.417	-1.4	166	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	158	0.00
29	1,1-Dichloropropene	20.000	13.893	30.5#	111	0.00
30 M	2-Butanone	100.000	100.485	-0.5	155	-0.01
31	2,2-Dichloropropane	20.000	15.916	20.4	127	0.00
32 M	1,1,1-Trichloroethane	20.000	15.641	21.8	124	0.00
33 M	Carbon Tetrachloride	20.000	14.538	27.3	116	0.00
34 M	Benzene	20.000	14.683	26.6	115	0.00
35	Methacrylonitrile	20.000	17.684	11.6	140	0.00
36 M	1,2-Dichloroethane	20.000	16.641	16.8	131	0.00
37 M	Trichloroethene	20.000	14.428	27.9	113	0.00
38	Methylcyclohexane	20.000	12.600	37.0#	102	0.00
39 M	1,2-Dichloropropane	20.000	17.526	12.4	136	0.00
40	Dibromomethane	20.000	17.043	14.8	136	0.00
41 M	Bromodichloromethane	20.000	16.929	15.4	133	0.00
42 M	Vinyl Acetate	100.000	93.502	6.5	152	0.00
43	Ethyl Acetate	20.000	16.548	17.3	128	-0.01
44	Isopropyl Acetate	20.000	17.796	11.0	141	0.00
45 T	1,4-Dioxane	400.000	310.535	22.4	125	0.00

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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.492	12.5	138	0.00
47	n-amyl Acetate	20.000	18.456	7.7	149	0.00
48 M	t-1,3-Dichloropropene	20.000	16.259	18.7	127	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.311	13.4	136	0.00
50 M	1,1,2-Trichloroethane	20.000	17.571	12.1	142	0.00
51	Ethyl methacrylate	20.000	17.264	13.7	141	0.00
52	1,3-Dichloropropane	20.000	17.614	11.9	138	0.00
53 M	Dibromochloromethane	20.000	16.988	15.1	135	0.00
54 M	1,2-Dibromoethane	20.000	16.261	18.7	129	0.00
55 M	2-Chloroethyl vinyl ether	100.000	139.201	-39.2#	194	0.00
56 M	Bromoform	20.000	16.054	19.7	130	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	166	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.319	2.7	157	0.00
59 M	2-Hexanone	100.000	100.519	-0.5	161	0.00
60 S	4-Bromofluorobenzene	30.000	30.888	-3.0	172	0.00
61 M	Tetrachloroethene	20.000	13.914	30.4#	115	0.00
62 M	Toluene	20.000	15.032	24.8	123	0.00
63 S	Toluene-d8	30.000	30.098	-0.3	166	0.00
64 M	Chlorobenzene	20.000	16.038	19.8	133	0.00
65	1,1,1,2-Tetrachloroethane	20.000	16.504	17.5	136	0.00
66 M	Ethyl Benzene	20.000	15.890	20.5	130	0.00
67 M	m/p-Xylenes	40.000	31.505	21.2	131	0.00
68 M	o-Xylene	20.000	16.169	19.2	133	0.00
69 M	Styrene	20.000	16.590	17.1	136	0.00
70	Isopropylbenzene	20.000	16.619	16.9	137	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.692	6.5	153	0.00
72	1,2,3-Trichloropropane	20.000	19.137	4.3	153	0.00
73	Bromobenzene	20.000	16.261	18.7	136	0.00
74	n-propylbenzene	20.000	17.410	13.0	143	0.00
75	2-Chlorotoluene	20.000	17.383	13.1	141	0.00
76	1,3,5-Trimethylbenzene	20.000	16.959	15.2	140	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.641	16.8	135	0.00
78	4-Chlorotoluene	20.000	17.496	12.5	144	0.00
79	tert-butylbenzene	20.000	17.815	10.9	145	0.00
80	1,2,4-Trimethylbenzene	20.000	17.283	13.6	140	0.00
81	sec-Butylbenzene	20.000	18.059	9.7	147	0.00
82	p-Isopropyltoluene	20.000	17.566	12.2	143	0.00
83 M	1,3-Dichlorobenzene	20.000	17.739	11.3	146	0.00
84 M	1,4-Dichlorobenzene	20.000	16.868	15.7	141	0.00
85	n-Butylbenzene	20.000	18.694	6.5	153	0.00
86 T	Hexachloroethane	20.000	16.236	18.8	135	0.00
87 M	1,2-Dichlorobenzene	20.000	17.555	12.2	143	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.679	1.6	162	0.00
89	1,2,4-Trichlorobenzene	20.000	17.590	12.1	147	0.00
90	Hexachlorobutadiene	20.000	17.275	13.6	149	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	17.728	11.4	144	0.00
92	1,2,3-Trichlorobenzene	20.000	17.489	12.6	144	0.00

(#) = Out of Range

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