

Data Path : W:\HPCHEM1\MSVOA X\Data\VX022218\
 Data File : VX000134.D
 Acq On : 22 Feb 2018 18:08
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 23 15:15:33 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	144	0.00
2 M	Dichlorodifluoromethane	20.000	21.427	-7.1	157	0.00
3 M	Chloromethane	20.000	22.035	-10.2	156	0.00
4 M	Vinyl Chloride	20.000	20.843	-4.2	150	0.00
5 M	Bromomethane	20.000	18.048	9.8	133	0.00
6 M	Chloroethane	20.000	21.187	-5.9	155	0.00
7 M	Trichlorofluoromethane	20.000	20.627	-3.1	150	0.00
8 T	Diethyl Ether	20.000	21.010	-5.1	146	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.886	0.6	143	0.00
10 M	1,1-Dichloroethene	20.000	19.743	1.3	141	0.00
11	Methyl Iodide	20.000	22.682	-13.4	196	0.00
12	Methyl Acetate	20.000	23.679	-18.4	170	0.00
13 M	Acrolein	100.000	71.114	28.9	108	0.00
14 M	Acrylonitrile	100.000	112.008	-12.0	160	0.00
15 M	Acetone	100.000	107.778	-7.8	148	0.00
16 M	Carbon Disulfide	20.000	18.931	5.3	138	0.00
17	Allyl chloride	20.000	21.303	-6.5	155	0.00
18 M	Methylene Chloride	20.000	20.999	-5.0	154	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.654	-3.3	150	0.00
20 T	Diisopropyl ether	20.000	21.607	-8.0	162	0.00
21 M	1,1-Dichloroethane	20.000	22.149	-10.7	154	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.640	-3.2	150	0.00
23 M	tert-Butyl Alcohol	100.000	109.439	-9.4	153	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.365	-6.8	154	0.00
25 M	Chloroform	20.000	20.837	-4.2	152	0.00
26	Cyclohexane	20.000	21.210	-6.1	155	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.086	-3.6	150	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	140	0.00
29	1,1-Dichloropropene	20.000	21.561	-7.8	153	0.00
30 M	2-Butanone	100.000	117.551	-17.6	161	0.00
31	2,2-Dichloropropane	20.000	20.881	-4.4	148	0.00
32 M	1,1,1-Trichloroethane	20.000	21.432	-7.2	151	0.00
33 M	Carbon Tetrachloride	20.000	20.478	-2.4	145	0.00
34 M	Benzene	20.000	21.995	-10.0	154	0.00
35	Methacrylonitrile	20.000	21.614	-8.1	152	0.00
36 M	1,2-Dichloroethane	20.000	21.928	-9.6	154	0.00
37 M	Trichloroethene	20.000	21.326	-6.6	148	0.00
38	Methylcyclohexane	20.000	21.116	-5.6	152	0.00
39 M	1,2-Dichloropropane	20.000	22.052	-10.3	152	0.00
40	Dibromomethane	20.000	22.441	-12.2	159	0.00
41 M	Bromodichloromethane	20.000	21.378	-6.9	149	0.00
42 M	Vinyl Acetate	100.000	125.231	-25.2	181	0.00
43	Ethyl Acetate	20.000	22.988	-14.9	158	0.00
44	Isopropyl Acetate	20.000	22.366	-11.8	158	0.00
45 T	1,4-Dioxane	400.000	422.909	-5.7	151	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	23.113	-15.6	162	0.00
47	n-amyl Acetate	20.000	22.653	-13.3	162	0.00
48 M	t-1,3-Dichloropropene	20.000	21.591	-8.0	149	0.00
49 T	cis-1,3-Dichloropropene	20.000	21.794	-9.0	152	0.00
50 M	1,1,2-Trichloroethane	20.000	22.294	-11.5	160	0.00
51	Ethyl methacrylate	20.000	22.128	-10.6	160	0.00
52	1,3-Dichloropropane	20.000	22.386	-11.9	155	0.00
53 M	Dibromochloromethane	20.000	20.757	-3.8	147	0.00
54 M	1,2-Dibromoethane	20.000	22.060	-10.3	155	0.00
55 M	2-Chloroethyl vinyl ether	100.000	113.022	-13.0	140	0.00
56 M	Bromoform	20.000	20.206	-1.0	146	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	143	0.00
58 M	4-Methyl-2-Pentanone	100.000	119.299	-19.3	165	0.00
59 M	2-Hexanone	100.000	119.072	-19.1	164	0.00
60 S	4-Bromofluorobenzene	30.000	30.329	-1.1	145	0.00
61 M	Tetrachloroethene	20.000	21.311	-6.6	152	0.00
62 M	Toluene	20.000	21.679	-8.4	153	0.00
63 S	Toluene-d8	30.000	30.007	-0.0	142	0.00
64 M	Chlorobenzene	20.000	21.883	-9.4	156	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.020	-5.1	149	0.00
66 M	Ethyl Benzene	20.000	21.910	-9.6	154	0.00
67 M	m/p-Xylenes	40.000	44.204	-10.5	158	0.00
68 M	o-Xylene	20.000	21.651	-8.3	153	0.00
69 M	Styrene	20.000	21.541	-7.7	152	0.00
70	Isopropylbenzene	20.000	21.679	-8.4	153	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.619	-13.1	159	0.00
72	1,2,3-Trichloropropane	20.000	23.607	-18.0	162	0.00
73	Bromobenzene	20.000	21.237	-6.2	152	0.00
74	n-propylbenzene	20.000	21.665	-8.3	153	0.00
75	2-Chlorotoluene	20.000	21.903	-9.5	152	0.00
76	1,3,5-Trimethylbenzene	20.000	21.790	-8.9	154	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.324	-1.6	142	0.00
78	4-Chlorotoluene	20.000	21.763	-8.8	154	0.00
79	tert-butylbenzene	20.000	21.685	-8.4	152	0.00
80	1,2,4-Trimethylbenzene	20.000	21.822	-9.1	152	0.00
81	sec-Butylbenzene	20.000	21.640	-8.2	152	0.00
82	p-Isopropyltoluene	20.000	21.552	-7.8	151	0.00
83 M	1,3-Dichlorobenzene	20.000	21.185	-5.9	150	0.00
84 M	1,4-Dichlorobenzene	20.000	20.852	-4.3	150	0.00
85	n-Butylbenzene	20.000	22.046	-10.2	155	0.00
86 T	Hexachloroethane	20.000	20.089	-0.4	143	0.00
87 M	1,2-Dichlorobenzene	20.000	21.534	-7.7	151	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.960	-14.8	163	0.00
89	1,2,4-Trichlorobenzene	20.000	20.451	-2.3	147	0.00
90	Hexachlorobutadiene	20.000	20.021	-0.1	149	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	21.782	-8.9	152	0.00
92	1,2,3-Trichlorobenzene	20.000	20.202	-1.0	143	0.00

(#) = Out of Range

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