

Data Path : W:\HPCHEM1\MSVOA X\Data\VX022218\
 Data File : VX000128.D
 Acq On : 22 Feb 2018 13:18
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 23 15:06:47 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	154	0.00
2 M	Dichlorodifluoromethane	20.000	20.147	-0.7	159	0.00
3 M	Chloromethane	20.000	20.464	-2.3	156	0.00
4 M	Vinyl Chloride	20.000	18.731	6.3	144	0.00
5 M	Bromomethane	20.000	17.011	14.9	134	0.00
6 M	Chloroethane	20.000	18.376	8.1	144	0.00
7 M	Trichlorofluoromethane	20.000	18.872	5.6	148	0.00
8 T	Diethyl Ether	20.000	19.796	1.0	148	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.190	4.0	148	0.00
10 M	1,1-Dichloroethene	20.000	18.630	6.9	143	0.00
11	Methyl Iodide	20.000	20.886	-4.4	194	0.00
12	Methyl Acetate	20.000	21.140	-5.7	163	0.00
13 M	Acrolein	100.000	79.515	20.5	129	0.00
14 M	Acrylonitrile	100.000	102.709	-2.7	158	0.00
15 M	Acetone	100.000	102.394	-2.4	150	0.00
16 M	Carbon Disulfide	20.000	17.299	13.5	135	0.00
17	Allyl chloride	20.000	19.604	2.0	153	0.00
18 M	Methylene Chloride	20.000	19.569	2.2	154	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.351	8.2	143	0.00
20 T	Diisopropyl ether	20.000	22.961	-14.8	185	-0.01
21 M	1,1-Dichloroethane	20.000	19.997	0.0	149	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.907	5.5	147	-0.01
23 M	tert-Butyl Alcohol	100.000	103.843	-3.8	156	-0.02
24 M	Methyl tert-Butyl Ether	20.000	20.163	-0.8	156	0.00
25 M	Chloroform	20.000	19.263	3.7	150	0.00
26	Cyclohexane	20.000	19.694	1.5	154	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.739	-5.8	164	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	151	0.00
29	1,1-Dichloropropene	20.000	20.319	-1.6	155	0.00
30 M	2-Butanone	100.000	110.093	-10.1	162	0.00
31	2,2-Dichloropropane	20.000	19.048	4.8	145	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.542	2.3	148	0.00
33 M	Carbon Tetrachloride	20.000	18.839	5.8	144	0.00
34 M	Benzene	20.000	20.183	-0.9	152	0.00
35	Methacrylonitrile	20.000	21.061	-5.3	160	0.00
36 M	1,2-Dichloroethane	20.000	20.853	-4.3	158	0.00
37 M	Trichloroethene	20.000	19.607	2.0	147	0.00
38	Methylcyclohexane	20.000	20.666	-3.3	161	0.00
39 M	1,2-Dichloropropane	20.000	20.758	-3.8	154	0.00
40	Dibromomethane	20.000	21.167	-5.8	161	0.00
41 M	Bromodichloromethane	20.000	19.945	0.3	150	0.00
42 M	Vinyl Acetate	100.000	120.689	-20.7	188	0.00
43	Ethyl Acetate	20.000	20.793	-4.0	154	0.00
44	Isopropyl Acetate	20.000	21.389	-6.9	162	0.00
45 T	1,4-Dioxane	400.000	411.853	-3.0	159	0.00

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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)
46	Methyl methacrylate	20.000	20.970	-4.8	159	0.00
47	n-amyl Acetate	20.000	21.026	-5.1	162	0.00
48 M	t-1,3-Dichloropropene	20.000	20.612	-3.1	153	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.800	-4.0	156	0.00
50 M	1,1,2-Trichloroethane	20.000	21.505	-7.5	167	0.00
51	Ethyl methacrylate	20.000	19.874	0.6	155	0.00
52	1,3-Dichloropropane	20.000	21.455	-7.3	160	0.00
53 M	Dibromochloromethane	20.000	19.988	0.1	152	0.00
54 M	1,2-Dibromoethane	20.000	20.387	-1.9	155	0.00
55 M	2-Chloroethyl vinyl ether	100.000	116.214	-16.2	155	0.00
56 M	Bromoform	20.000	19.001	5.0	147	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	161	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.671	-6.7	167	0.00
59 M	2-Hexanone	100.000	106.755	-6.8	166	0.00
60 S	4-Bromofluorobenzene	30.000	29.939	0.2	161	0.00
61 M	Tetrachloroethene	20.000	18.179	9.1	146	0.00
62 M	Toluene	20.000	19.199	4.0	153	0.00
63 S	Toluene-d8	30.000	29.417	1.9	157	0.00
64 M	Chlorobenzene	20.000	19.549	2.3	157	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.856	5.7	151	0.00
66 M	Ethyl Benzene	20.000	19.635	1.8	155	0.00
67 M	m/p-Xylenes	40.000	38.686	3.3	156	0.00
68 M	o-Xylene	20.000	19.186	4.1	152	0.00
69 M	Styrene	20.000	19.421	2.9	155	0.00
70	Isopropylbenzene	20.000	19.260	3.7	153	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.987	0.1	159	0.00
72	1,2,3-Trichloropropane	20.000	21.596	-8.0	167	0.00
73	Bromobenzene	20.000	18.903	5.5	153	0.00
74	n-propylbenzene	20.000	20.007	-0.0	159	0.00
75	2-Chlorotoluene	20.000	19.371	3.1	152	0.00
76	1,3,5-Trimethylbenzene	20.000	19.556	2.2	156	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.453	2.7	153	0.00
78	4-Chlorotoluene	20.000	19.607	2.0	156	0.00
79	tert-butylbenzene	20.000	21.831	-9.2	173	0.29
80	1,2,4-Trimethylbenzene	20.000	20.175	-0.9	159	0.00
81	sec-Butylbenzene	20.000	20.137	-0.7	159	0.00
82	p-Isopropyltoluene	20.000	19.795	1.0	156	0.00
83 M	1,3-Dichlorobenzene	20.000	19.327	3.4	154	0.00
84 M	1,4-Dichlorobenzene	20.000	18.918	5.4	153	0.00
85	n-Butylbenzene	20.000	20.462	-2.3	162	0.00
86 T	Hexachloroethane	20.000	18.120	9.4	146	0.00
87 M	1,2-Dichlorobenzene	20.000	19.477	2.6	154	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.608	-3.0	164	0.00
89	1,2,4-Trichlorobenzene	20.000	19.410	2.9	157	0.00
90	Hexachlorobutadiene	20.000	19.125	4.4	160	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.890	0.5	157	0.00
92	1,2,3-Trichlorobenzene	20.000	18.989	5.1	152	0.00

(#) = Out of Range

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