

Data Path : W:\HPCHEM1\MSVOA X\Data\VX030118\
 Data File : VX000179.D
 Acq On : 01 Mar 2018 11:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 02 03:38:34 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	172	0.00
2 M	Dichlorodifluoromethane	20.000	14.794	26.0	130	0.00
3 M	Chloromethane	20.000	14.404	28.0	123	0.00
4 M	Vinyl Chloride	20.000	15.288	23.6	132	0.00
5 M	Bromomethane	20.000	14.702	26.5	130	0.00
6 M	Chloroethane	20.000	16.199	19.0	142	0.00
7 M	Trichlorofluoromethane	20.000	16.154	19.2	141	0.00
8 T	Diethyl Ether	20.000	16.415	17.9	137	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.714	16.4	144	0.00
10 M	1,1-Dichloroethene	20.000	15.144	24.3	130	0.00
11	Methyl Iodide	20.000	10.272	48.6#	107	0.00
12	Methyl Acetate	20.000	20.755	-3.8	179	0.00
13 M	Acrolein	100.000	24.772	75.2#	45	0.00
14 M	Acrylonitrile	100.000	90.607	9.4	156	0.00
15 M	Acetone	100.000	100.237	-0.2	165	0.00
16 M	Carbon Disulfide	20.000	11.034	44.8#	96	0.00
17	Allyl chloride	20.000	16.698	16.5	145	0.00
18 M	Methylene Chloride	20.000	16.022	19.9	141	0.00
19 M	trans-1,2-Dichloroethene	20.000	14.975	25.1	130	0.00
20 T	Diisopropyl ether	20.000	21.166	-5.8	191	0.00
21 M	1,1-Dichloroethane	20.000	17.811	10.9	149	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.319	18.4	142	0.00
23 M	tert-Butyl Alcohol	100.000	91.991	8.0	154	-0.01
24 M	Methyl tert-Butyl Ether	20.000	17.442	12.8	151	0.00
25 M	Chloroform	20.000	17.336	13.3	151	0.00
26	Cyclohexane	20.000	15.962	20.2	140	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.986	-6.6	185	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	169	0.00
29	1,1-Dichloropropene	20.000	16.982	15.1	145	0.00
30 M	2-Butanone	100.000	100.869	-0.9	166	0.00
31	2,2-Dichloropropane	20.000	17.277	13.6	147	0.00
32 M	1,1,1-Trichloroethane	20.000	16.748	16.3	143	0.00
33 M	Carbon Tetrachloride	20.000	15.895	20.5	136	0.00
34 M	Benzene	20.000	16.831	15.8	142	0.00
35	Methacrylonitrile	20.000	18.116	9.4	154	0.00
36 M	1,2-Dichloroethane	20.000	18.177	9.1	154	0.00
37 M	Trichloroethene	20.000	16.765	16.2	140	0.00
38	Methylcyclohexane	20.000	16.667	16.7	145	0.00
39 M	1,2-Dichloropropane	20.000	18.192	9.0	151	0.00
40	Dibromomethane	20.000	18.083	9.6	154	0.00
41 M	Bromodichloromethane	20.000	17.383	13.1	146	0.00
42 M	Vinyl Acetate	100.000	105.097	-5.1	184	0.00
43	Ethyl Acetate	20.000	18.344	8.3	152	0.00
44	Isopropyl Acetate	20.000	18.946	5.3	161	0.00
45 T	1,4-Dioxane	400.000	349.321	12.7	151	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.220	8.9	154	0.00
47	n-amyl Acetate	20.000	19.345	3.3	167	0.00
48 M	t-1,3-Dichloropropene	20.000	17.598	12.0	147	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.611	11.9	148	0.00
50 M	1,1,2-Trichloroethane	20.000	18.343	8.3	159	0.00
51	Ethyl methacrylate	20.000	18.150	9.3	158	0.00
52	1,3-Dichloropropane	20.000	18.386	8.1	154	0.00
53 M	Dibromochloromethane	20.000	16.834	15.8	144	0.00
54 M	1,2-Dibromoethane	20.000	17.521	12.4	149	0.00
55 M	2-Chloroethyl vinyl ether	100.000	82.763	17.2	124	0.00
56 M	Bromoform	20.000	16.523	17.4	144	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	178	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.235	2.8	169	0.00
59 M	2-Hexanone	100.000	98.453	1.5	170	0.00
60 S	4-Bromofluorobenzene	30.000	30.034	-0.1	180	0.00
61 M	Tetrachloroethene	20.000	15.631	21.8	139	0.00
62 M	Toluene	20.000	16.842	15.8	149	0.00
63 S	Toluene-d8	30.000	30.438	-1.5	181	0.00
64 M	Chlorobenzene	20.000	17.193	14.0	154	0.00
65	1,1,1,2-Tetrachloroethane	20.000	16.675	16.6	148	0.00
66 M	Ethyl Benzene	20.000	17.269	13.7	152	0.00
67 M	m/p-Xylenes	40.000	34.379	14.1	154	0.00
68 M	o-Xylene	20.000	17.487	12.6	154	0.00
69 M	Styrene	20.000	17.149	14.3	152	0.00
70	Isopropylbenzene	20.000	17.620	11.9	156	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.847	5.8	166	0.00
72	1,2,3-Trichloropropane	20.000	19.145	4.3	165	0.00
73	Bromobenzene	20.000	16.867	15.7	151	0.00
74	n-propylbenzene	20.000	17.870	10.6	158	0.00
75	2-Chlorotoluene	20.000	17.951	10.2	156	0.00
76	1,3,5-Trimethylbenzene	20.000	17.623	11.9	156	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.474	17.6	144	0.00
78	4-Chlorotoluene	20.000	18.260	8.7	162	0.00
79	tert-butylbenzene	20.000	17.827	10.9	157	0.00
80	1,2,4-Trimethylbenzene	20.000	17.978	10.1	157	0.00
81	sec-Butylbenzene	20.000	18.393	8.0	161	0.00
82	p-Isopropyltoluene	20.000	17.881	10.6	157	0.00
83 M	1,3-Dichlorobenzene	20.000	17.613	11.9	156	0.00
84 M	1,4-Dichlorobenzene	20.000	17.114	14.4	154	0.00
85	n-Butylbenzene	20.000	18.780	6.1	165	0.00
86 T	Hexachloroethane	20.000	16.679	16.6	149	0.00
87 M	1,2-Dichlorobenzene	20.000	17.375	13.1	152	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.013	4.9	169	0.00
89	1,2,4-Trichlorobenzene	20.000	16.971	15.1	153	0.00
90	Hexachlorobutadiene	20.000	16.625	16.9	155	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.506	12.5	153	0.00
92	1,2,3-Trichlorobenzene	20.000	17.057	14.7	151	0.00

(#) = Out of Range

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