

Data Path : W:\HPCHEM1\MSVOA X\Data\WX022118\
 Data File : VX000120.D
 Acq On : 21 Feb 2018 16:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 LabSampled :
 VSTDCCC020

Quant Time: Feb 22 07:09:57 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	90	0.00
2 M	Dichlorodifluoromethane	20.000	18.509	7.5	85	0.00
3 M	Chloromethane	20.000	19.646	1.8	87	0.00
4 M	Vinyl Chloride	20.000	20.105	-0.5	90	0.00
5 M	Bromomethane	20.000	16.511	17.4	76	0.00
6 M	Chloroethane	20.000	19.840	0.8	91	0.00
7 M	Trichlorofluoromethane	20.000	19.931	0.3	91	0.00
8 T	Diethyl Ether	20.000	19.825	0.9	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.792	1.0	89	0.00
10 M	1,1-Dichloroethene	20.000	19.624	1.9	88	0.00
11	Methyl Iodide	20.000	20.927	-4.6	113	0.00
12	Methyl Acetate	20.000	20.097	-0.5	90	0.00
13 M	Acrolein	100.000	94.051	5.9	89	0.00
14 M	Acrylonitrile	100.000	95.787	4.2	86	0.00
15 M	Acetone	100.000	93.701	6.3	80	0.00
16 M	Carbon Disulfide	20.000	18.259	8.7	83	0.00
17	Allyl chloride	20.000	19.421	2.9	88	0.00
18 M	Methylene Chloride	20.000	19.504	2.5	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.790	1.1	90	0.00
20 T	Diisopropyl ether	20.000	20.593	-3.0	97	0.00
21 M	1,1-Dichloroethane	20.000	21.199	-6.0	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.922	5.4	86	0.00
23 M	tert-Butyl Alcohol	100.000	84.848	15.2	74	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.361	-1.8	92	0.00
25 M	Chloroform	20.000	19.129	4.4	87	0.00
26	Cyclohexane	20.000	18.478	7.6	84	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.906	-6.4	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	18.743	6.3	88	0.00
30 M	2-Butanone	100.000	85.818	14.2	78	0.01
31	2,2-Dichloropropane	20.000	18.128	9.4	85	0.00
32 M	1,1,1-Trichloroethane	20.000	18.332	8.3	86	0.00
33 M	Carbon Tetrachloride	20.000	18.412	7.9	86	0.00
34 M	Benzene	20.000	18.797	6.0	87	0.00
35	Methacrylonitrile	20.000	17.384	13.1	81	0.00
36 M	1,2-Dichloroethane	20.000	18.738	6.3	87	0.00
37 M	Trichloroethene	20.000	18.099	9.5	83	0.00
38	Methylcyclohexane	20.000	17.906	10.5	86	0.00
39 M	1,2-Dichloropropane	20.000	18.641	6.8	85	0.00
40	Dibromomethane	20.000	18.713	6.4	88	0.00
41 M	Bromodichloromethane	20.000	18.015	9.9	83	0.00
42 M	Vinyl Acetate	100.000	109.593	-9.6	105	0.00
43	Ethyl Acetate	20.000	17.211	13.9	78	0.00
44	Isopropyl Acetate	20.000	18.286	8.6	85	0.00
45 T	1,4-Dioxane	400.000	345.396	13.7	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.418	7.9	86	0.00
47	n-amyl Acetate	20.000	18.330	8.4	87	0.00
48 M	t-1,3-Dichloropropene	20.000	18.220	8.9	83	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.008	10.0	83	0.00
50 M	1,1,2-Trichloroethane	20.000	18.365	8.2	88	0.00
51	Ethyl methacrylate	20.000	18.275	8.6	88	0.00
52	1,3-Dichloropropane	20.000	19.147	4.3	88	0.00
53 M	Dibromochloromethane	20.000	17.760	11.2	83	0.00
54 M	1,2-Dibromoethane	20.000	18.343	8.3	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.589	5.4	78	0.00
56 M	Bromoform	20.000	17.293	13.5	83	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.335	7.7	83	0.00
59 M	2-Hexanone	100.000	90.054	9.9	81	0.00
60 S	4-Bromofluorobenzene	30.000	30.150	-0.5	94	0.00
61 M	Tetrachloroethene	20.000	18.383	8.1	85	0.00
62 M	Toluene	20.000	18.880	5.6	87	0.00
63 S	Toluene-d8	30.000	30.307	-1.0	94	0.00
64 M	Chlorobenzene	20.000	18.585	7.1	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.290	8.6	85	0.00
66 M	Ethyl Benzene	20.000	18.737	6.3	86	0.00
67 M	m/p-Xylenes	40.000	37.107	7.2	87	0.00
68 M	o-Xylene	20.000	18.293	8.5	84	0.00
69 M	Styrene	20.000	18.750	6.3	86	0.00
70	Isopropylbenzene	20.000	18.324	8.4	84	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.959	5.2	87	0.00
72	1,2,3-Trichloropropane	20.000	18.786	6.1	84	0.00
73	Bromobenzene	20.000	17.911	10.4	84	0.00
74	n-propylbenzene	20.000	18.792	6.0	87	0.00
75	2-Chlorotoluene	20.000	19.074	4.6	86	0.00
76	1,3,5-Trimethylbenzene	20.000	18.390	8.0	85	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.119	14.4	78	0.00
78	4-Chlorotoluene	20.000	18.537	7.3	85	0.00
79	tert-butylbenzene	20.000	18.368	8.2	84	0.00
80	1,2,4-Trimethylbenzene	20.000	18.576	7.1	84	0.00
81	sec-Butylbenzene	20.000	18.686	6.6	85	0.00
82	p-Isopropyltoluene	20.000	18.197	9.0	83	0.00
83 M	1,3-Dichlorobenzene	20.000	17.720	11.4	82	0.00
84 M	1,4-Dichlorobenzene	20.000	17.884	10.6	84	0.00
85	n-Butylbenzene	20.000	18.568	7.2	85	0.00
86 T	Hexachloroethane	20.000	17.131	14.3	80	0.00
87 M	1,2-Dichlorobenzene	20.000	17.859	10.7	82	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.663	11.7	82	0.00
89	1,2,4-Trichlorobenzene	20.000	17.277	13.6	81	0.00
90	Hexachlorobutadiene	20.000	17.552	12.2	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.054	9.7	82	0.00
92	1,2,3-Trichlorobenzene	20.000	17.773	11.1	82	0.00

(#) = Out of Range

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