

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX040219\
 Data File : VX008585.D
 Acq On : 02 Apr 2019 10:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 02 15:24:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	20.560	-2.8	91	0.00
3 M	Chloromethane	20.000	19.976	0.1	88	0.00
4 M	Vinyl Chloride	20.000	19.495	2.5	88	0.00
5 M	Bromomethane	20.000	14.230	28.8	70	0.00
6 M	Chloroethane	20.000	18.472	7.6	88	0.00
7 M	Trichlorofluoromethane	20.000	20.386	-1.9	91	0.00
8 T	Diethyl Ether	20.000	19.816	0.9	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.326	-1.6	93	0.00
10 M	1,1-Dichloroethene	20.000	20.083	-0.4	90	0.00
11	Methyl Iodide	20.000	12.422	37.9#	62	0.00
12	Methyl Acetate	20.000	20.566	-2.8	92	0.00
13 M	Acrolein	100.000	89.491	10.5	82	0.00
14 M	Acrylonitrile	100.000	104.935	-4.9	95	0.00
15 M	Acetone	100.000	116.735	-16.7	95	0.00
16 M	Carbon Disulfide	20.000	19.664	1.7	90	0.00
17	Allyl chloride	20.000	20.411	-2.1	94	0.00
18 M	Methylene Chloride	20.000	20.382	-1.9	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.261	-1.3	92	0.00
20 T	Diisopropyl ether	20.000	21.100	-5.5	95	0.00
21 M	1,1-Dichloroethane	20.000	20.896	-4.5	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.351	-1.8	93	0.00
23 M	tert-Butyl Alcohol	100.000	101.005	-1.0	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.647	-3.2	93	0.00
25 M	Chloroform	20.000	20.820	-4.1	93	0.00
26	Cyclohexane	20.000	21.144	-5.7	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.628	1.2	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	21.119	-5.6	95	0.00
30 M	2-Butanone	100.000	111.050	-11.0	95	0.00
31	2,2-Dichloropropane	20.000	21.005	-5.0	95	0.00
32 M	1,1,1-Trichloroethane	20.000	21.086	-5.4	94	0.00
33 M	Carbon Tetrachloride	20.000	20.595	-3.0	93	0.00
34 M	Benzene	20.000	20.857	-4.3	92	0.00
35	Methacrylonitrile	20.000	21.194	-6.0	96	0.00
36 M	1,2-Dichloroethane	20.000	21.010	-5.1	93	0.00
37 M	Trichloroethene	20.000	21.158	-5.8	96	0.00
38	Methylcyclohexane	20.000	21.165	-5.8	96	0.00
39 M	1,2-Dichloropropane	20.000	20.686	-3.4	92	0.00
40	Dibromomethane	20.000	20.840	-4.2	94	0.00
41 M	Bromodichloromethane	20.000	20.594	-3.0	93	0.00
42 M	Vinyl Acetate	100.000	105.965	-6.0	94	0.00
43	Ethyl Acetate	20.000	21.164	-5.8	92	0.00
44	Isopropyl Acetate	20.000	20.844	-4.2	94	0.00
45 T	1,4-Dioxane	400.000	404.158	-1.0	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.625	-3.1	93	0.00
47	n-amyl Acetate	20.000	20.013	-0.1	93	0.00
48 M	t-1,3-Dichloropropene	20.000	19.932	0.3	94	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.532	-2.7	94	0.00
50 M	1,1,2-Trichloroethane	20.000	20.534	-2.7	94	0.00
51	Ethyl methacrylate	20.000	20.159	-0.8	93	0.00
52	1,3-Dichloropropane	20.000	20.825	-4.1	93	0.00
53 M	Dibromochloromethane	20.000	19.926	0.4	93	0.00
54 M	1,2-Dibromoethane	20.000	20.504	-2.5	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.297	-1.3	100	0.00
56 M	Bromoform	20.000	18.923	5.4	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.588	-7.6	95	0.00
59 M	2-Hexanone	100.000	109.636	-9.6	93	0.00
60 S	4-Bromofluorobenzene	30.000	30.072	-0.2	89	0.00
61 M	Tetrachloroethene	20.000	22.872	-14.4	101	0.00
62 M	Toluene	20.000	21.480	-7.4	94	0.00
63 S	Toluene-d8	30.000	31.149	-3.8	88	0.00
64 M	Chlorobenzene	20.000	21.289	-6.4	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.054	-5.3	95	0.00
66 M	Ethyl Benzene	20.000	21.133	-5.7	93	0.00
67 M	m/p-Xylenes	40.000	42.094	-5.2	93	0.00
68 M	o-Xylene	20.000	20.778	-3.9	92	0.00
69 M	Styrene	20.000	20.761	-3.8	94	0.00
70	Isopropylbenzene	20.000	21.360	-6.8	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.130	-5.6	94	0.00
72	1,2,3-Trichloropropane	20.000	21.577	-7.9	93	0.00
73	Bromobenzene	20.000	20.764	-3.8	94	0.00
74	n-propylbenzene	20.000	20.977	-4.9	94	0.00
75	2-Chlorotoluene	20.000	21.139	-5.7	94	0.00
76	1,3,5-Trimethylbenzene	20.000	21.025	-5.1	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.814	0.9	97	0.00
78	4-Chlorotoluene	20.000	20.780	-3.9	95	0.00
79	tert-butylbenzene	20.000	20.999	-5.0	94	0.00
80	1,2,4-Trimethylbenzene	20.000	20.950	-4.7	94	0.00
81	sec-Butylbenzene	20.000	21.072	-5.4	95	0.00
82	p-Isopropyltoluene	20.000	20.999	-5.0	94	0.00
83 M	1,3-Dichlorobenzene	20.000	20.883	-4.4	96	0.00
84 M	1,4-Dichlorobenzene	20.000	20.749	-3.7	96	0.00
85	n-Butylbenzene	20.000	20.513	-2.6	95	0.00
86 T	Hexachloroethane	20.000	20.312	-1.6	95	0.00
87 M	1,2-Dichlorobenzene	20.000	20.807	-4.0	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.692	-3.5	92	0.00
89	1,2,4-Trichlorobenzene	20.000	21.065	-5.3	98	0.00
90	Hexachlorobutadiene	20.000	21.108	-5.5	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	21.074	-5.4	92	0.00
92	1,2,3-Trichlorobenzene	20.000	21.447	-7.2	96	0.00

(#) = Out of Range

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