

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040120\
 Data File : VX015459.D
 Acq On : 01 Apr 2020 11:08
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 02 09:26:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 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	100	-0.01
2 M	Dichlorodifluoromethane	20.000	21.054	-5.3	114	0.00
3 M	Chloromethane	20.000	19.957	0.2	112	0.00
4 M	Vinyl Chloride	20.000	21.572	-7.9	118	0.00
5 M	Bromomethane	20.000	24.022	-20.1	104	0.00
6 M	Chloroethane	20.000	21.669	-8.3	114	0.00
7 M	Trichlorofluoromethane	20.000	22.842	-14.2	121	0.00
8 T	Diethyl Ether	20.000	22.433	-12.2	121	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.036	-15.2	121	0.00
10 M	1,1-Dichloroethene	20.000	22.150	-10.7	117	0.00
11	Methyl Iodide	20.000	19.015	4.9	108	0.00
12	Methyl Acetate	20.000	21.364	-6.8	112	0.00
13 M	Acrolein	100.000	105.614	-5.6	110	0.00
14 M	Acrylonitrile	100.000	107.466	-7.5	111	0.00
15 M	Acetone	100.000	129.122	-29.1	132	0.00
16 M	Carbon Disulfide	20.000	22.405	-12.0	118	0.00
17	Allyl chloride	20.000	22.041	-10.2	116	0.00
18 M	Methylene Chloride	20.000	22.121	-10.6	117	0.00
19 M	trans-1,2-Dichloroethene	20.000	22.212	-11.1	117	0.00
20 T	Diisopropyl ether	20.000	22.453	-12.3	116	0.00
21 M	1,1-Dichloroethane	20.000	22.487	-12.4	118	0.00
22 M	cis-1,2-Dichloroethene	20.000	22.210	-11.1	118	0.00
23 M	tert-Butyl Alcohol	100.000	106.277	-6.3	109	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.795	-9.0	114	0.00
25 M	Chloroform	20.000	22.280	-11.4	118	0.00
26	Cyclohexane	20.000	22.227	-11.1	117	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.672	-5.6	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	22.075	-10.4	119	0.00
30 M	2-Butanone	100.000	109.237	-9.2	115	0.00
31	2,2-Dichloropropane	20.000	22.630	-13.1	119	0.00
32 M	1,1,1-Trichloroethane	20.000	21.317	-6.6	113	0.00
33 M	Carbon Tetrachloride	20.000	20.885	-4.4	111	0.00
34 M	Benzene	20.000	21.651	-8.3	115	0.00
35	Methacrylonitrile	20.000	21.037	-5.2	112	-0.01
36 M	1,2-Dichloroethane	20.000	22.044	-10.2	115	0.00
37 M	Trichloroethene	20.000	21.399	-7.0	114	0.00
38	Methylcyclohexane	20.000	22.016	-10.1	117	0.00
39 M	1,2-Dichloropropane	20.000	21.443	-7.2	114	0.00
40	Dibromomethane	20.000	20.853	-4.3	112	0.00
41 M	Bromodichloromethane	20.000	21.254	-6.3	114	0.00
42 M	Vinyl Acetate	100.000	112.285	-12.3	115	0.00
43	Ethyl Acetate	20.000	18.696	6.5	108	0.00
44	Isopropyl Acetate	20.000	20.676	-3.4	110	0.00
45 T	1,4-Dioxane	400.000	418.461	-4.6	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.309	-1.5	108	0.00
47	n-amyl Acetate	20.000	20.377	-1.9	111	0.00
48 M	t-1,3-Dichloropropene	20.000	21.070	-5.4	114	0.00
49 T	cis-1,3-Dichloropropene	20.000	21.685	-8.4	116	0.00
50 M	1,1,2-Trichloroethane	20.000	21.284	-6.4	114	0.00
51	Ethyl methacrylate	20.000	20.304	-1.5	110	0.00
52	1,3-Dichloropropane	20.000	21.392	-7.0	113	0.00
53 M	Dibromochloromethane	20.000	20.327	-1.6	110	0.00
54 M	1,2-Dibromoethane	20.000	21.063	-5.3	112	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.534	-6.5	111	0.00
56 M	Bromoform	20.000	18.539	7.3	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.367	-8.4	109	0.00
59 M	2-Hexanone	100.000	111.878	-11.9	114	0.00
60 S	4-Bromofluorobenzene	30.000	30.842	-2.8	104	0.00
61 M	Tetrachloroethene	20.000	21.587	-7.9	114	0.00
62 M	Toluene	20.000	22.078	-10.4	116	0.00
63 S	Toluene-d8	30.000	31.119	-3.7	103	0.00
64 M	Chlorobenzene	20.000	21.750	-8.8	116	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.932	-4.7	113	0.00
66 M	Ethyl Benzene	20.000	22.415	-12.1	117	0.00
67 M	m/p-Xylenes	40.000	43.604	-9.0	115	0.00
68 M	o-Xylene	20.000	21.502	-7.5	113	0.00
69 M	Styrene	20.000	21.467	-7.3	113	0.00
70	Isopropylbenzene	20.000	22.218	-11.1	116	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.826	-4.1	111	0.00
72	1,2,3-Trichloropropane	20.000	22.081	-10.4	115	0.00
73	Bromobenzene	20.000	20.426	-2.1	111	0.00
74	n-propylbenzene	20.000	22.835	-14.2	119	0.00
75	2-Chlorotoluene	20.000	21.969	-9.8	114	0.00
76	1,3,5-Trimethylbenzene	20.000	21.828	-9.1	114	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.046	-0.2	107	0.00
78	4-Chlorotoluene	20.000	22.591	-13.0	118	0.00
79	tert-butylbenzene	20.000	21.630	-8.1	114	0.00
80	1,2,4-Trimethylbenzene	20.000	21.654	-8.3	113	0.00
81	sec-Butylbenzene	20.000	22.143	-10.7	116	0.00
82	p-Isopropyltoluene	20.000	21.892	-9.5	116	0.00
83 M	1,3-Dichlorobenzene	20.000	21.388	-6.9	116	0.00
84 M	1,4-Dichlorobenzene	20.000	21.660	-8.3	117	0.00
85	n-Butylbenzene	20.000	22.842	-14.2	121	0.00
86 T	Hexachloroethane	20.000	20.768	-3.8	114	0.00
87 M	1,2-Dichlorobenzene	20.000	21.083	-5.4	113	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.924	0.4	105	0.00
89	1,2,4-Trichlorobenzene	20.000	20.505	-2.5	116	0.00
90	Hexachlorobutadiene	20.000	19.521	2.4	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.951	-4.8	110	0.00
92	1,2,3-Trichlorobenzene	20.000	19.769	1.2	110	0.00

(#) = Out of Range

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