

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX121919\
 Data File : VX014112.D
 Acq On : 19 Dec 2019 11:07
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 20 01:17:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 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	106	0.00
2 M	Dichlorodifluoromethane	20.000	19.669	1.7	107	0.00
3 M	Chloromethane	20.000	19.697	1.5	104	0.00
4 M	Vinyl Chloride	20.000	20.111	-0.6	109	0.00
5 M	Bromomethane	20.000	17.541	12.3	97	0.00
6 M	Chloroethane	20.000	19.984	0.1	110	0.01
7 M	Trichlorofluoromethane	20.000	20.381	-1.9	110	0.00
8 T	Diethyl Ether	20.000	19.270	3.7	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.897	-4.5	114	0.00
10 M	1,1-Dichloroethene	20.000	19.945	0.3	109	0.00
11	Methyl Iodide	20.000	18.647	6.8	107	0.00
12	Methyl Acetate	20.000	19.700	1.5	105	0.00
13 M	Acrolein	100.000	119.453	-19.5	120	0.00
14 M	Acrylonitrile	100.000	98.369	1.6	108	0.00
15 M	Acetone	100.000	151.044	-51.0#	168	0.00
16 M	Carbon Disulfide	20.000	20.574	-2.9	115	0.00
17	Allyl chloride	20.000	19.923	0.4	108	0.00
18 M	Methylene Chloride	20.000	19.139	4.3	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.922	0.4	109	0.00
20 T	Diisopropyl ether	20.000	19.596	2.0	105	0.00
21 M	1,1-Dichloroethane	20.000	19.551	2.2	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.484	2.6	106	0.00
23 M	tert-Butyl Alcohol	100.000	98.129	1.9	106	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.284	3.6	104	0.00
25 M	Chloroform	20.000	19.973	0.1	107	-0.01
26	Cyclohexane	20.000	19.928	0.4	107	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.164	2.8	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	20.641	-3.2	110	0.00
30 M	2-Butanone	100.000	120.741	-20.7	130	0.00
31	2,2-Dichloropropane	20.000	22.937	-14.7	122	0.00
32 M	1,1,1-Trichloroethane	20.000	20.174	-0.9	109	0.00
33 M	Carbon Tetrachloride	20.000	20.307	-1.5	109	0.00
34 M	Benzene	20.000	20.180	-0.9	106	0.00
35	Methacrylonitrile	20.000	19.619	1.9	102	0.00
36 M	1,2-Dichloroethane	20.000	19.933	0.3	108	0.00
37 M	Trichloroethene	20.000	19.919	0.4	106	0.00
38	Methylcyclohexane	20.000	21.551	-7.8	116	0.00
39 M	1,2-Dichloropropane	20.000	19.240	3.8	102	0.00
40	Dibromomethane	20.000	20.412	-2.1	108	0.00
41 M	Bromodichloromethane	20.000	19.814	0.9	108	0.00
42 M	Vinyl Acetate	100.000	103.659	-3.7	108	0.00
43	Ethyl Acetate	20.000	20.775	-3.9	111	-0.01
44	Isopropyl Acetate	20.000	19.470	2.7	106	0.00
45 T	1,4-Dioxane	400.000	433.776	-8.4	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.504	2.5	105	0.00
47	n-amyl Acetate	20.000	18.256	8.7	100	0.00
48 M	t-1,3-Dichloropropene	20.000	19.955	0.2	113	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.216	-1.1	111	0.00
50 M	1,1,2-Trichloroethane	20.000	19.671	1.6	104	0.00
51	Ethyl methacrylate	20.000	19.124	4.4	104	0.00
52	1,3-Dichloropropane	20.000	19.918	0.4	104	0.00
53 M	Dibromochloromethane	20.000	19.944	0.3	110	0.00
54 M	1,2-Dibromoethane	20.000	20.014	-0.1	107	0.00
55 M	2-Chloroethyl vinyl ether	100.000	115.002	-15.0	122	0.00
56 M	Bromoform	20.000	18.684	6.6	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.370	-0.4	105	0.00
59 M	2-Hexanone	100.000	109.860	-9.9	115	0.00
60 S	4-Bromofluorobenzene	30.000	30.054	-0.2	104	0.00
61 M	Tetrachloroethene	20.000	21.038	-5.2	114	0.00
62 M	Toluene	20.000	20.576	-2.9	107	0.00
63 S	Toluene-d8	30.000	30.859	-2.9	103	0.00
64 M	Chlorobenzene	20.000	20.323	-1.6	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.484	2.6	105	0.00
66 M	Ethyl Benzene	20.000	20.396	-2.0	107	0.00
67 M	m/p-Xylenes	40.000	41.074	-2.7	107	0.00
68 M	o-Xylene	20.000	19.788	1.1	104	0.00
69 M	Styrene	20.000	19.692	1.5	106	0.00
70	Isopropylbenzene	20.000	20.402	-2.0	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.822	5.9	98	0.00
72	1,2,3-Trichloropropane	20.000	17.611	11.9	91	0.00
73	Bromobenzene	20.000	19.543	2.3	104	0.00
74	n-propylbenzene	20.000	20.721	-3.6	110	0.00
75	2-Chlorotoluene	20.000	20.226	-1.1	106	0.00
76	1,3,5-Trimethylbenzene	20.000	19.967	0.2	106	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.584	2.1	115	0.00
78	4-Chlorotoluene	20.000	20.055	-0.3	107	0.00
79	tert-butylbenzene	20.000	19.906	0.5	105	0.00
80	1,2,4-Trimethylbenzene	20.000	19.686	1.6	104	0.00
81	sec-Butylbenzene	20.000	20.246	-1.2	108	0.00
82	p-Isopropyltoluene	20.000	20.671	-3.4	111	0.00
83 M	1,3-Dichlorobenzene	20.000	19.953	0.2	109	0.00
84 M	1,4-Dichlorobenzene	20.000	19.752	1.2	107	0.00
85	n-Butylbenzene	20.000	20.751	-3.8	117	0.00
86 T	Hexachloroethane	20.000	19.290	3.6	112	0.00
87 M	1,2-Dichlorobenzene	20.000	19.365	3.2	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.474	2.6	105	0.00
89	1,2,4-Trichlorobenzene	20.000	20.107	-0.5	115	0.00
90	Hexachlorobutadiene	20.000	21.022	-5.1	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.317	3.4	109	0.00
92	1,2,3-Trichlorobenzene	20.000	19.900	0.5	113	0.00

(#) = Out of Range

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