

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\
 Data File : VX014712.D
 Acq On : 24 Jan 2020 21:12
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 24 23:54:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	19.649	1.8	92	0.00
3 M	Chloromethane	20.000	19.587	2.1	93	0.00
4 M	Vinyl Chloride	20.000	19.597	2.0	94	0.00
5 M	Bromomethane	20.000	19.862	0.7	113	0.00
6 M	Chloroethane	20.000	20.000	0.0	94	0.02
7 M	Trichlorofluoromethane	20.000	19.541	2.3	98	0.00
8 T	Diethyl Ether	20.000	20.417	-2.1	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.539	2.3	96	0.01
10 M	1,1-Dichloroethene	20.000	19.667	1.7	99	0.00
11	Methyl Iodide	20.000	19.785	1.1	102	0.00
12	Methyl Acetate	20.000	21.014	-5.1	102	0.00
13 M	Acrolein	100.000	99.066	0.9	98	0.00
14 M	Acrylonitrile	100.000	100.172	-0.2	97	0.00
15 M	Acetone	100.000	100.090	-0.1	93	0.00
16 M	Carbon Disulfide	20.000	18.823	5.9	96	0.00
17	Allyl chloride	20.000	19.199	4.0	98	0.00
18 M	Methylene Chloride	20.000	20.115	-0.6	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.245	3.8	97	0.00
20 T	Diisopropyl ether	20.000	19.865	0.7	98	0.00
21 M	1,1-Dichloroethane	20.000	20.069	-0.3	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.683	1.6	99	0.00
23 M	tert-Butyl Alcohol	100.000	99.838	0.2	102	-0.02
24 M	Methyl tert-Butyl Ether	20.000	20.118	-0.6	100	0.00
25 M	Chloroform	20.000	19.782	1.1	99	0.00
26	Cyclohexane	20.000	19.016	4.9	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.236	-0.8	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	19.278	3.6	97	0.00
30 M	2-Butanone	100.000	99.030	1.0	96	0.00
31	2,2-Dichloropropane	20.000	17.991	10.0	91	0.00
32 M	1,1,1-Trichloroethane	20.000	20.211	-1.1	103	0.00
33 M	Carbon Tetrachloride	20.000	19.529	2.4	100	0.00
34 M	Benzene	20.000	19.966	0.2	98	0.00
35	Methacrylonitrile	20.000	19.631	1.8	97	0.00
36 M	1,2-Dichloroethane	20.000	20.306	-1.5	100	0.00
37 M	Trichloroethene	20.000	20.998	-5.0	104	0.00
38	Methylcyclohexane	20.000	18.656	6.7	94	0.00
39 M	1,2-Dichloropropane	20.000	19.637	1.8	98	0.00
40	Dibromomethane	20.000	20.548	-2.7	104	0.00
41 M	Bromodichloromethane	20.000	19.750	1.3	101	0.00
42 M	Vinyl Acetate	100.000	75.271	24.7	75	0.00
43	Ethyl Acetate	20.000	19.264	3.7	94	0.00
44	Isopropyl Acetate	20.000	19.449	2.8	98	0.00
45 T	1,4-Dioxane	400.000	426.226	-6.6	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.417	2.9	98	0.00
47	n-amyl Acetate	20.000	20.077	-0.4	107	0.00
48 M	t-1,3-Dichloropropene	20.000	19.350	3.2	100	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.369	3.2	99	0.00
50 M	1,1,2-Trichloroethane	20.000	20.246	-1.2	100	0.00
51	Ethyl methacrylate	20.000	19.177	4.1	101	0.00
52	1,3-Dichloropropane	20.000	20.317	-1.6	102	0.00
53 M	Dibromochloromethane	20.000	20.177	-0.9	105	0.00
54 M	1,2-Dibromoethane	20.000	20.243	-1.2	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.912	3.1	98	0.00
56 M	Bromoform	20.000	18.816	5.9	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.448	-1.4	99	0.00
59 M	2-Hexanone	100.000	101.331	-1.3	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.854	0.5	97	0.00
61 M	Tetrachloroethene	20.000	26.516	-32.6#	131	0.00
62 M	Toluene	20.000	20.136	-0.7	100	0.00
63 S	Toluene-d8	30.000	30.034	-0.1	95	0.00
64 M	Chlorobenzene	20.000	20.239	-1.2	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.160	-0.8	100	0.00
66 M	Ethyl Benzene	20.000	20.072	-0.4	101	0.00
67 M	m/p-Xylenes	40.000	40.294	-0.7	101	0.00
68 M	o-Xylene	20.000	19.957	0.2	101	0.00
69 M	Styrene	20.000	19.862	0.7	101	0.00
70	Isopropylbenzene	20.000	20.055	-0.3	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.197	9.0	91	0.00
72	1,2,3-Trichloropropane	20.000	19.364	3.2	97	0.00
73	Bromobenzene	20.000	19.983	0.1	101	0.00
74	n-propylbenzene	20.000	19.884	0.6	102	0.00
75	2-Chlorotoluene	20.000	19.949	0.3	101	0.00
76	1,3,5-Trimethylbenzene	20.000	19.911	0.4	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.025	9.9	98	0.00
78	4-Chlorotoluene	20.000	19.847	0.8	101	0.00
79	tert-butylbenzene	20.000	17.985	10.1	92	0.00
80	1,2,4-Trimethylbenzene	20.000	19.849	0.8	99	0.00
81	sec-Butylbenzene	20.000	19.708	1.5	102	0.00
82	p-Isopropyltoluene	20.000	19.454	2.7	99	0.00
83 M	1,3-Dichlorobenzene	20.000	19.879	0.6	101	0.00
84 M	1,4-Dichlorobenzene	20.000	20.160	-0.8	105	0.00
85	n-Butylbenzene	20.000	18.590	7.1	100	0.00
86 T	Hexachloroethane	20.000	19.179	4.1	102	0.00
87 M	1,2-Dichlorobenzene	20.000	19.981	0.1	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.633	1.8	101	0.00
89	1,2,4-Trichlorobenzene	20.000	19.446	2.8	103	0.00
90	Hexachlorobutadiene	20.000	19.406	3.0	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.648	1.8	101	0.00
92	1,2,3-Trichlorobenzene	20.000	19.723	1.4	103	0.00

(#) = Out of Range

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