

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VOX030620\
 Data File : VX015118.D
 Acq On : 06 Mar 2020 11:13
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 07 00:34:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 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	79	-0.01
2 M	Dichlorodifluoromethane	20.000	18.490	7.6	80	0.00
3 M	Chloromethane	20.000	21.537	-7.7	92	0.00
4 M	Vinyl Chloride	20.000	20.867	-4.3	90	0.00
5 M	Bromomethane	20.000	18.927	5.4	84	0.00
6 M	Chloroethane	20.000	19.431	2.8	81	0.00
7 M	Trichlorofluoromethane	20.000	18.613	6.9	79	0.00
8 T	Diethyl Ether	20.000	18.805	6.0	80	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.068	-0.3	85	0.00
10 M	1,1-Dichloroethene	20.000	19.360	3.2	83	0.00
11	Methyl Iodide	20.000	14.107	29.5	65	0.00
12	Methyl Acetate	20.000	20.581	-2.9	88	0.00
13 M	Acrolein	100.000	109.963	-10.0	95	0.00
14 M	Acrylonitrile	100.000	100.534	-0.5	87	0.00
15 M	Acetone	100.000	99.823	0.2	78	0.00
16 M	Carbon Disulfide	20.000	18.822	5.9	83	0.00
17	Allyl chloride	20.000	20.457	-2.3	89	0.00
18 M	Methylene Chloride	20.000	19.917	0.4	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.823	0.9	85	0.00
20 T	Diisopropyl ether	20.000	21.333	-6.7	89	0.00
21 M	1,1-Dichloroethane	20.000	20.526	-2.6	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.820	0.9	83	0.00
23 M	tert-Butyl Alcohol	100.000	107.196	-7.2	93	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.454	-2.3	88	0.00
25 M	Chloroform	20.000	20.889	-4.4	88	0.00
26	Cyclohexane	20.000	20.331	-1.7	87	-0.01
27 s	1,2-Dichloroethane-d4	30.000	30.264	-0.9	80	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	78	0.00
29	1,1-Dichloropropene	20.000	20.162	-0.8	86	0.00
30 M	2-Butanone	100.000	98.570	1.4	80	0.00
31	2,2-Dichloropropane	20.000	20.769	-3.8	88	0.00
32 M	1,1,1-Trichloroethane	20.000	20.766	-3.8	89	0.00
33 M	Carbon Tetrachloride	20.000	20.612	-3.1	88	-0.01
34 M	Benzene	20.000	20.643	-3.2	87	0.00
35	Methacrylonitrile	20.000	20.247	-1.2	88	0.00
36 M	1,2-Dichloroethane	20.000	21.205	-6.0	89	0.00
37 M	Trichloroethene	20.000	19.867	0.7	86	0.00
38	Methylcyclohexane	20.000	20.044	-0.2	86	0.00
39 M	1,2-Dichloropropane	20.000	21.459	-7.3	91	0.00
40	Dibromomethane	20.000	19.881	0.6	82	0.00
41 M	Bromodichloromethane	20.000	20.668	-3.3	88	0.00
42 M	Vinyl Acetate	100.000	104.945	-4.9	88	0.00
43	Ethyl Acetate	20.000	20.288	-1.4	85	0.00
44	Isopropyl Acetate	20.000	19.763	1.2	85	0.00
45 T	1,4-Dioxane	400.000	461.015	-15.3	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.278	3.6	84	0.00
47	n-amyl Acetate	20.000	19.353	3.2	86	0.00
48 M	t-1,3-Dichloropropene	20.000	19.688	1.6	86	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.582	-2.9	88	0.00
50 M	1,1,2-Trichloroethane	20.000	21.037	-5.2	86	0.00
51	Ethyl methacrylate	20.000	19.249	3.8	84	0.00
52	1,3-Dichloropropane	20.000	20.794	-4.0	87	0.00
53 M	Dibromochloromethane	20.000	20.050	-0.3	86	0.00
54 M	1,2-Dibromoethane	20.000	20.315	-1.6	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.059	4.9	79	0.00
56 M	Bromoform	20.000	18.972	5.1	83	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.492	-2.5	87	0.00
59 M	2-Hexanone	100.000	100.266	-0.3	83	0.00
60 S	4-Bromofluorobenzene	30.000	29.890	0.4	79	0.00
61 M	Tetrachloroethene	20.000	19.834	0.8	82	0.00
62 M	Toluene	20.000	20.382	-1.9	86	0.00
63 S	Toluene-d8	30.000	30.582	-1.9	80	0.00
64 M	Chlorobenzene	20.000	19.890	0.5	85	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.333	-1.7	87	0.00
66 M	Ethyl Benzene	20.000	20.372	-1.9	87	0.00
67 M	m/p-Xylenes	40.000	40.243	-0.6	86	0.00
68 M	o-Xylene	20.000	19.837	0.8	85	0.00
69 M	Styrene	20.000	19.833	0.8	86	0.00
70	Isopropylbenzene	20.000	20.387	-1.9	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.288	-1.4	86	0.00
72	1,2,3-Trichloropropane	20.000	20.347	-1.7	86	0.00
73	Bromobenzene	20.000	19.407	3.0	83	0.00
74	n-propylbenzene	20.000	20.793	-4.0	89	0.00
75	2-Chlorotoluene	20.000	20.468	-2.3	86	0.00
76	1,3,5-Trimethylbenzene	20.000	20.047	-0.2	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.525	7.4	86	0.00
78	4-Chlorotoluene	20.000	20.496	-2.5	88	0.00
79	tert-butylbenzene	20.000	20.252	-1.3	88	0.00
80	1,2,4-Trimethylbenzene	20.000	20.322	-1.6	87	0.00
81	sec-Butylbenzene	20.000	20.561	-2.8	88	0.00
82	p-Isopropyltoluene	20.000	19.933	0.3	86	0.00
83 M	1,3-Dichlorobenzene	20.000	19.891	0.5	87	0.00
84 M	1,4-Dichlorobenzene	20.000	19.514	2.4	84	0.00
85	n-Butylbenzene	20.000	19.784	1.1	89	0.00
86 T	Hexachloroethane	20.000	19.630	1.9	91	0.00
87 M	1,2-Dichlorobenzene	20.000	19.824	0.9	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.103	9.5	80	0.00
89	1,2,4-Trichlorobenzene	20.000	18.814	5.9	84	0.00
90	Hexachlorobutadiene	20.000	19.026	4.9	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.004	5.0	82	0.00
92	1,2,3-Trichlorobenzene	20.000	19.644	1.8	87	0.00

(#) = Out of Range

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