

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX022120\
 Data File : VX014996.D
 Acq On : 21 Feb 2020 16:39
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 22 02:09:07 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	18.002	10.0	94	0.00
3 M	Chloromethane	20.000	19.033	4.8	98	0.00
4 M	Vinyl Chloride	20.000	18.415	7.9	95	0.00
5 M	Bromomethane	20.000	18.218	8.9	98	0.00
6 M	Chloroethane	20.000	19.243	3.8	97	0.00
7 M	Trichlorofluoromethane	20.000	19.024	4.9	97	0.00
8 T	Diethyl Ether	20.000	19.009	5.0	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.520	2.4	99	0.00
10 M	1,1-Dichloroethene	20.000	18.971	5.1	98	0.00
11	Methyl Iodide	20.000	15.024	24.9	84	0.00
12	Methyl Acetate	20.000	18.987	5.1	98	0.00
13 M	Acrolein	100.000	92.012	8.0	96	0.00
14 M	Acrylonitrile	100.000	96.022	4.0	100	0.00
15 M	Acetone	100.000	85.665	14.3	80	0.00
16 M	Carbon Disulfide	20.000	18.395	8.0	97	0.00
17	Allyl chloride	20.000	18.811	5.9	98	0.00
18 M	Methylene Chloride	20.000	19.073	4.6	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.140	4.3	98	0.00
20 T	Diisopropyl ether	20.000	19.120	4.4	96	0.00
21 M	1,1-Dichloroethane	20.000	19.067	4.7	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.078	4.6	96	0.00
23 M	tert-Butyl Alcohol	100.000	91.632	8.4	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.058	4.7	98	0.00
25 M	Chloroform	20.000	19.216	3.9	97	0.00
26	Cyclohexane	20.000	18.708	6.5	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.261	2.5	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	19.247	3.8	99	0.00
30 M	2-Butanone	100.000	91.512	8.5	90	0.00
31	2,2-Dichloropropane	20.000	18.822	5.9	97	0.00
32 M	1,1,1-Trichloroethane	20.000	18.715	6.4	97	0.00
33 M	Carbon Tetrachloride	20.000	18.920	5.4	98	0.00
34 M	Benzene	20.000	19.348	3.3	99	0.00
35	Methacrylonitrile	20.000	18.923	5.4	100	0.00
36 M	1,2-Dichloroethane	20.000	19.586	2.1	100	0.00
37 M	Trichloroethene	20.000	19.112	4.4	100	0.00
38	Methylcyclohexane	20.000	19.406	3.0	101	0.00
39 M	1,2-Dichloropropane	20.000	19.010	4.9	98	0.00
40	Dibromomethane	20.000	19.054	4.7	96	0.00
41 M	Bromodichloromethane	20.000	18.826	5.9	98	0.00
42 M	Vinyl Acetate	100.000	95.854	4.1	98	0.00
43	Ethyl Acetate	20.000	19.196	4.0	98	0.00
44	Isopropyl Acetate	20.000	18.717	6.4	97	0.00
45 T	1,4-Dioxane	400.000	365.430	8.6	93	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.478	7.6	98	0.00
47	n-amyl Acetate	20.000	18.158	9.2	98	0.00
48 M	t-1,3-Dichloropropene	20.000	18.465	7.7	98	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.895	5.5	99	0.00
50 M	1,1,2-Trichloroethane	20.000	19.050	4.7	95	0.00
51	Ethyl methacrylate	20.000	18.657	6.7	99	0.00
52	1,3-Dichloropropane	20.000	19.034	4.8	96	0.00
53 M	Dibromochloromethane	20.000	18.942	5.3	99	0.00
54 M	1,2-Dibromoethane	20.000	19.235	3.8	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.245	1.8	100	0.00
56 M	Bromoform	20.000	18.369	8.2	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.415	5.6	98	0.00
59 M	2-Hexanone	100.000	93.281	6.7	95	0.00
60 S	4-Bromofluorobenzene	30.000	29.563	1.5	96	0.00
61 M	Tetrachloroethene	20.000	19.136	4.3	97	0.00
62 M	Toluene	20.000	19.014	4.9	98	0.00
63 S	Toluene-d8	30.000	29.507	1.6	94	0.00
64 M	Chlorobenzene	20.000	18.905	5.5	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.885	5.6	99	0.00
66 M	Ethyl Benzene	20.000	19.054	4.7	99	0.00
67 M	m/p-Xylenes	40.000	38.078	4.8	100	0.00
68 M	o-Xylene	20.000	18.686	6.6	98	0.00
69 M	Styrene	20.000	18.615	6.9	99	0.00
70	Isopropylbenzene	20.000	19.105	4.5	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.858	5.7	98	0.00
72	1,2,3-Trichloropropane	20.000	19.155	4.2	99	0.00
73	Bromobenzene	20.000	18.533	7.3	97	0.00
74	n-propylbenzene	20.000	19.351	3.2	101	0.00
75	2-Chlorotoluene	20.000	19.058	4.7	98	0.00
76	1,3,5-Trimethylbenzene	20.000	19.046	4.8	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.041	14.8	97	0.00
78	4-Chlorotoluene	20.000	19.209	4.0	101	0.00
79	tert-butylbenzene	20.000	18.936	5.3	100	0.00
80	1,2,4-Trimethylbenzene	20.000	19.049	4.8	100	0.00
81	sec-Butylbenzene	20.000	19.376	3.1	102	0.00
82	p-Isopropyltoluene	20.000	19.266	3.7	101	0.00
83 M	1,3-Dichlorobenzene	20.000	19.577	2.1	105	0.00
84 M	1,4-Dichlorobenzene	20.000	19.091	4.5	101	0.00
85	n-Butylbenzene	20.000	19.810	1.0	109	0.00
86 T	Hexachloroethane	20.000	18.139	9.3	103	0.00
87 M	1,2-Dichlorobenzene	20.000	19.094	4.5	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.598	12.0	95	0.00
89	1,2,4-Trichlorobenzene	20.000	19.319	3.4	106	0.00
90	Hexachlorobutadiene	20.000	19.932	0.3	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.718	6.4	100	0.00
92	1,2,3-Trichlorobenzene	20.000	19.293	3.5	105	0.00

(#) = Out of Range

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