

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020520\
 Data File : VX014835.D
 Acq On : 05 Feb 2020 20:10
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 06 03:31:07 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	19.226	3.9	88	0.00
3 M	Chloromethane	20.000	18.283	8.6	84	0.00
4 M	Vinyl Chloride	20.000	19.073	4.6	89	0.00
5 M	Bromomethane	20.000	19.065	4.7	106	0.00
6 M	Chloroethane	20.000	18.981	5.1	87	0.02
7 M	Trichlorofluoromethane	20.000	20.020	-0.1	97	0.01
8 T	Diethyl Ether	20.000	19.751	1.2	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.727	1.4	94	0.00
10 M	1,1-Dichloroethene	20.000	20.093	-0.5	98	0.00
11	Methyl Iodide	20.000	20.040	-0.2	101	0.00
12	Methyl Acetate	20.000	20.198	-1.0	95	0.00
13 M	Acrolein	100.000	84.107	15.9	81	0.00
14 M	Acrylonitrile	100.000	94.019	6.0	89	0.00
15 M	Acetone	100.000	91.494	8.5	83	0.00
16 M	Carbon Disulfide	20.000	18.130	9.4	90	0.00
17	Allyl chloride	20.000	18.526	7.4	91	0.00
18 M	Methylene Chloride	20.000	19.804	1.0	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.921	0.4	97	0.00
20 T	Diisopropyl ether	20.000	19.690	1.5	95	0.00
21 M	1,1-Dichloroethane	20.000	19.507	2.5	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.932	0.3	98	0.00
23 M	tert-Butyl Alcohol	100.000	99.146	0.9	98	-0.02
24 M	Methyl tert-Butyl Ether	20.000	20.544	-2.7	99	0.00
25 M	Chloroform	20.000	20.013	-0.1	97	0.00
26	Cyclohexane	20.000	18.682	6.6	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.040	-0.1	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	19.469	2.7	95	0.00
30 M	2-Butanone	100.000	94.688	5.3	88	0.00
31	2,2-Dichloropropane	20.000	19.501	2.5	96	0.00
32 M	1,1,1-Trichloroethane	20.000	20.618	-3.1	101	0.00
33 M	Carbon Tetrachloride	20.000	20.387	-1.9	101	0.00
34 M	Benzene	20.000	19.797	1.0	94	0.00
35	Methacrylonitrile	20.000	18.817	5.9	90	0.00
36 M	1,2-Dichloroethane	20.000	20.641	-3.2	98	0.00
37 M	Trichloroethene	20.000	20.600	-3.0	99	0.00
38	Methylcyclohexane	20.000	18.918	5.4	92	0.00
39 M	1,2-Dichloropropane	20.000	19.337	3.3	93	0.00
40	Dibromomethane	20.000	19.680	1.6	96	0.00
41 M	Bromodichloromethane	20.000	20.073	-0.4	99	0.00
42 M	Vinyl Acetate	100.000	97.721	2.3	95	0.00
43	Ethyl Acetate	20.000	19.738	1.3	93	0.00
44	Isopropyl Acetate	20.000	19.827	0.9	96	0.00
45 T	1,4-Dioxane	400.000	411.524	-2.9	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.340	3.3	94	0.00
47	n-amyl Acetate	20.000	19.762	1.2	102	0.00
48 M	t-1,3-Dichloropropene	20.000	20.167	-0.8	100	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.654	1.7	97	0.00
50 M	1,1,2-Trichloroethane	20.000	20.475	-2.4	98	0.00
51	Ethyl methacrylate	20.000	19.749	1.3	100	0.00
52	1,3-Dichloropropane	20.000	19.945	0.3	96	0.00
53 M	Dibromochloromethane	20.000	20.525	-2.6	103	0.00
54 M	1,2-Dibromoethane	20.000	20.542	-2.7	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.021	7.0	91	0.00
56 M	Bromoform	20.000	19.802	1.0	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.448	1.6	93	0.00
59 M	2-Hexanone	100.000	96.069	3.9	90	0.00
60 S	4-Bromofluorobenzene	30.000	29.236	2.5	91	0.00
61 M	Tetrachloroethene	20.000	20.936	-4.7	99	0.00
62 M	Toluene	20.000	20.365	-1.8	97	0.00
63 S	Toluene-d8	30.000	29.678	1.1	91	0.00
64 M	Chlorobenzene	20.000	20.498	-2.5	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.650	-3.2	99	0.00
66 M	Ethyl Benzene	20.000	20.366	-1.8	99	0.00
67 M	m/p-Xylenes	40.000	40.967	-2.4	99	0.00
68 M	o-Xylene	20.000	20.218	-1.1	98	0.00
69 M	Styrene	20.000	20.103	-0.5	99	0.00
70	Isopropylbenzene	20.000	20.653	-3.3	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.239	-1.2	97	0.00
72	1,2,3-Trichloropropane	20.000	19.748	1.3	95	0.00
73	Bromobenzene	20.000	20.793	-4.0	101	0.00
74	n-propylbenzene	20.000	20.441	-2.2	101	0.00
75	2-Chlorotoluene	20.000	20.207	-1.0	99	0.00
76	1,3,5-Trimethylbenzene	20.000	20.539	-2.7	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.942	5.3	100	0.00
78	4-Chlorotoluene	20.000	20.245	-1.2	100	0.00
79	tert-butylbenzene	20.000	20.845	-4.2	103	0.00
80	1,2,4-Trimethylbenzene	20.000	20.607	-3.0	100	0.00
81	sec-Butylbenzene	20.000	20.158	-0.8	100	0.00
82	p-Isopropyltoluene	20.000	20.776	-3.9	102	0.00
83 M	1,3-Dichlorobenzene	20.000	20.753	-3.8	102	0.00
84 M	1,4-Dichlorobenzene	20.000	20.575	-2.9	103	0.00
85	n-Butylbenzene	20.000	19.444	2.8	100	0.00
86 T	Hexachloroethane	20.000	19.433	2.8	100	0.00
87 M	1,2-Dichlorobenzene	20.000	20.478	-2.4	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.770	-3.8	103	0.00
89	1,2,4-Trichlorobenzene	20.000	21.208	-6.0	108	0.00
90	Hexachlorobutadiene	20.000	20.669	-3.3	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	21.316	-6.6	106	0.00
92	1,2,3-Trichlorobenzene	20.000	21.279	-6.4	107	0.00

(#) = Out of Range

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