

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070920\
 Data File : VX017322.D
 Acq On : 09 Jul 2020 20:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 10 06:56:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	13.710	31.4#	69	0.00
3 M	Chloromethane	20.000	18.478	7.6	95	0.00
4 M	Vinyl Chloride	20.000	16.712	16.4	88	0.00
5 M	Bromomethane	20.000	21.653	-8.3	102	0.00
6 M	Chloroethane	20.000	18.232	8.8	93	0.00
7 M	Trichlorofluoromethane	20.000	15.261	23.7	75	0.00
8 T	Diethyl Ether	20.000	19.210	3.9	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	14.537	27.3	73	0.00
10 M	1,1-Dichloroethene	20.000	17.623	11.9	92	0.00
11	Methyl Iodide	20.000	16.292	18.5	98	0.00
12	Methyl Acetate	20.000	21.194	-6.0	108	0.00
13 M	Acrolein	100.000	88.623	11.4	87	0.00
14 M	Acrylonitrile	100.000	102.923	-2.9	106	0.00
15 M	Acetone	100.000	107.545	-7.5	115	0.00
16 M	Carbon Disulfide	20.000	17.313	13.4	85	0.00
17	Allyl chloride	20.000	17.874	10.6	95	0.00
18 M	Methylene Chloride	20.000	20.128	-0.6	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.160	9.2	90	0.00
20 T	Diisopropyl ether	20.000	19.638	1.8	100	0.00
21 M	1,1-Dichloroethane	20.000	19.165	4.2	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.112	4.4	99	0.00
23 M	tert-Butyl Alcohol	100.000	103.305	-3.3	109	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.505	2.5	102	0.00
25 M	Chloroform	20.000	19.017	4.9	97	0.00
26	Cyclohexane	20.000	14.167	29.2	70	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.535	-1.8	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	18.135	9.3	87	0.00
30 M	2-Butanone	100.000	110.551	-10.6	106	0.00
31	2,2-Dichloropropane	20.000	16.618	16.9	80	0.00
32 M	1,1,1-Trichloroethane	20.000	18.792	6.0	90	0.00
33 M	Carbon Tetrachloride	20.000	17.241	13.8	83	0.00
34 M	Benzene	20.000	19.962	0.2	97	0.00
35	Methacrylonitrile	20.000	20.677	-3.4	102	0.00
36 M	1,2-Dichloroethane	20.000	20.865	-4.3	101	0.00
37 M	Trichloroethene	20.000	19.394	3.0	94	0.00
38	Methylcyclohexane	20.000	13.705	31.5#	65	0.00
39 M	1,2-Dichloropropane	20.000	19.657	1.7	96	0.00
40	Dibromomethane	20.000	20.598	-3.0	102	0.00
41 M	Bromodichloromethane	20.000	20.427	-2.1	101	0.00
42 M	Vinyl Acetate	100.000	104.365	-4.4	102	0.00
43	Ethyl Acetate	20.000	21.358	-6.8	102	0.00
44	Isopropyl Acetate	20.000	20.877	-4.4	104	0.00
45 T	1,4-Dioxane	400.000	424.340	-6.1	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.789	-3.9	103	0.00
47	n-amyl Acetate	20.000	19.915	0.4	105	0.00
48 M	t-1,3-Dichloropropene	20.000	19.601	2.0	101	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.892	0.5	98	0.00
50 M	1,1,2-Trichloroethane	20.000	20.369	-1.8	101	0.00
51	Ethyl methacrylate	20.000	19.713	1.4	102	0.00
52	1,3-Dichloropropane	20.000	20.374	-1.9	100	0.00
53 M	Dibromochloromethane	20.000	19.579	2.1	99	0.00
54 M	1,2-Dibromoethane	20.000	20.815	-4.1	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	118.213	-18.2	112	0.00
56 M	Bromoform	20.000	19.648	1.8	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.175	-6.2	104	0.00
59 M	2-Hexanone	100.000	103.997	-4.0	104	0.00
60 S	4-Bromofluorobenzene	30.000	29.744	0.9	94	0.00
61 M	Tetrachloroethene	20.000	18.460	7.7	90	0.00
62 M	Toluene	20.000	19.280	3.6	96	0.00
63 S	Toluene-d8	30.000	30.205	-0.7	92	0.00
64 M	Chlorobenzene	20.000	19.137	4.3	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.146	4.3	99	0.00
66 M	Ethyl Benzene	20.000	18.440	7.8	94	0.00
67 M	m/p-Xylenes	40.000	36.995	7.5	93	0.00
68 M	o-Xylene	20.000	18.443	7.8	97	0.00
69 M	Styrene	20.000	18.687	6.6	98	0.00
70	Isopropylbenzene	20.000	17.736	11.3	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.492	-2.5	103	0.00
72	1,2,3-Trichloropropane	20.000	20.577	-2.9	102	0.00
73	Bromobenzene	20.000	19.549	2.3	100	0.00
74	n-propylbenzene	20.000	17.183	14.1	89	0.00
75	2-Chlorotoluene	20.000	18.629	6.9	95	0.00
76	1,3,5-Trimethylbenzene	20.000	17.863	10.7	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.476	7.6	96	0.00
78	4-Chlorotoluene	20.000	18.522	7.4	95	0.00
79	tert-butylbenzene	20.000	17.467	12.7	91	0.00
80	1,2,4-Trimethylbenzene	20.000	18.439	7.8	94	0.00
81	sec-Butylbenzene	20.000	16.372	18.1	85	0.00
82	p-Isopropyltoluene	20.000	16.723	16.4	86	0.00
83 M	1,3-Dichlorobenzene	20.000	18.928	5.4	97	0.00
84 M	1,4-Dichlorobenzene	20.000	19.002	5.0	99	0.00
85	n-Butylbenzene	20.000	16.376	18.1	85	0.00
86 T	Hexachloroethane	20.000	17.331	13.3	91	0.00
87 M	1,2-Dichlorobenzene	20.000	19.060	4.7	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.314	-1.6	104	0.00
89	1,2,4-Trichlorobenzene	20.000	18.685	6.6	100	0.00
90	Hexachlorobutadiene	20.000	16.070	19.6	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.073	-0.4	107	0.00
92	1,2,3-Trichlorobenzene	20.000	19.067	4.7	99	0.00

(#) = Out of Range

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