

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056439.D
 Acq On : 21 Jun 2019 20:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 22 03:47:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 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	114	0.00
2 M	Dichlorodifluoromethane	20.000	20.995	-5.0	113	0.00
3 M	Chloromethane	20.000	21.225	-6.1	121	0.00
4 M	Vinyl Chloride	20.000	20.397	-2.0	113	0.00
5 M	Bromomethane	20.000	19.351	3.2	105	-0.02
6 M	Chloroethane	20.000	21.176	-5.9	115	-0.01
7 M	Trichlorofluoromethane	20.000	20.997	-5.0	117	0.00
8 T	Diethyl Ether	20.000	20.750	-3.8	117	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.773	-3.9	117	0.00
10 M	1,1-Dichloroethene	20.000	20.293	-1.5	115	0.01
11	Methyl Iodide	20.000	17.268	13.7	101	0.00
12	Methyl Acetate	20.000	23.570	-17.9	136	0.00
13 M	Acrolein	100.000	96.632	3.4	115	0.00
14 M	Acrylonitrile	100.000	112.167	-12.2	129	0.00
15 M	Acetone	100.000	100.661	-0.7	107	0.00
16 M	Carbon Disulfide	20.000	17.997	10.0	110	0.00
17	Allyl chloride	20.000	21.524	-7.6	126	0.00
18 M	Methylene Chloride	20.000	20.959	-4.8	120	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.097	-0.5	113	0.00
20 T	Diisopropyl ether	20.000	22.031	-10.2	125	0.00
21 M	1,1-Dichloroethane	20.000	21.947	-9.7	125	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.580	-2.9	117	0.00
23 M	tert-Butyl Alcohol	100.000	102.751	-2.8	121	-0.01
24 M	Methyl tert-Butyl Ether	20.000	21.195	-6.0	121	0.00
25 M	Chloroform	20.000	21.297	-6.5	121	0.00
26	Cyclohexane	20.000	20.989	-4.9	120	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.202	-7.3	121	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	112	0.00
29	1,1-Dichloropropene	20.000	21.325	-6.6	121	0.00
30 M	2-Butanone	100.000	111.122	-11.1	123	0.00
31	2,2-Dichloropropane	20.000	19.754	1.2	112	0.00
32 M	1,1,1-Trichloroethane	20.000	20.986	-4.9	119	0.00
33 M	Carbon Tetrachloride	20.000	19.873	0.6	115	0.00
34 M	Benzene	20.000	21.088	-5.4	118	0.00
35	Methacrylonitrile	20.000	20.030	-0.2	100	0.00
36 M	1,2-Dichloroethane	20.000	22.537	-12.7	127	0.00
37 M	Trichloroethene	20.000	20.561	-2.8	114	0.00
38	Methylcyclohexane	20.000	20.412	-2.1	118	0.00
39 M	1,2-Dichloropropane	20.000	22.333	-11.7	124	0.00
40	Dibromomethane	20.000	21.541	-7.7	121	0.00
41 M	Bromodichloromethane	20.000	20.617	-3.1	120	0.00
42 M	Vinyl Acetate	100.000	109.925	-9.9	124	0.00
43	Ethyl Acetate	20.000	22.448	-12.2	126	0.00
44	Isopropyl Acetate	20.000	22.257	-11.3	130	0.00
45 T	1,4-Dioxane	400.000	443.257	-10.8	124	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	21.490	-7.4	130	0.00
47	n-amyl Acetate	20.000	21.383	-6.9	126	0.00
48 M	t-1,3-Dichloropropene	20.000	19.744	1.3	120	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.652	-3.3	120	0.00
50 M	1,1,2-Trichloroethane	20.000	20.715	-3.6	117	0.00
51	Ethyl methacrylate	20.000	20.677	-3.4	121	0.00
52	1,3-Dichloropropane	20.000	21.986	-9.9	123	0.00
53 M	Dibromochloromethane	20.000	19.214	3.9	118	0.00
54 M	1,2-Dibromoethane	20.000	21.162	-5.8	122	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.974	5.0	115	0.00
56 M	Bromoform	20.000	17.849	10.8	115	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	115	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.828	-11.8	128	0.00
59 M	2-Hexanone	100.000	112.501	-12.5	129	0.00
60 S	4-Bromofluorobenzene	30.000	29.821	0.6	117	0.00
61 M	Tetrachloroethene	20.000	19.705	1.5	110	0.00
62 M	Toluene	20.000	20.405	-2.0	116	0.00
63 S	Toluene-d8	30.000	30.504	-1.7	114	0.00
64 M	Chlorobenzene	20.000	20.657	-3.3	119	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.913	0.4	116	0.00
66 M	Ethyl Benzene	20.000	20.517	-2.6	117	0.00
67 M	m/p-Xylenes	40.000	40.074	-0.2	115	0.00
68 M	o-Xylene	20.000	20.576	-2.9	117	0.00
69 M	Styrene	20.000	19.801	1.0	116	0.00
70	Isopropylbenzene	20.000	20.506	-2.5	117	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.411	-7.1	121	0.00
72	1,2,3-Trichloropropane	20.000	20.117	-0.6	116	0.00
73	Bromobenzene	20.000	19.757	1.2	115	0.00
74	n-propylbenzene	20.000	20.262	-1.3	120	0.00
75	2-Chlorotoluene	20.000	20.805	-4.0	121	0.00
76	1,3,5-Trimethylbenzene	20.000	20.120	-0.6	116	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.682	11.6	118	0.00
78	4-Chlorotoluene	20.000	19.842	0.8	120	0.00
79	tert-butylbenzene	20.000	20.891	-4.5	121	0.00
80	1,2,4-Trimethylbenzene	20.000	19.386	3.1	113	0.00
81	sec-Butylbenzene	20.000	20.429	-2.1	119	0.00
82	p-Isopropyltoluene	20.000	19.129	4.4	113	0.00
83 M	1,3-Dichlorobenzene	20.000	18.483	7.6	112	0.00
84 M	1,4-Dichlorobenzene	20.000	17.951	10.2	114	0.00
85	n-Butylbenzene	20.000	17.437	12.8	112	0.00
86 T	Hexachloroethane	20.000	18.828	5.9	116	0.00
87 M	1,2-Dichlorobenzene	20.000	18.577	7.1	112	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.326	13.4	112	0.00
89	1,2,4-Trichlorobenzene	20.000	18.013	9.9	100	0.00
90	Hexachlorobutadiene	20.000	18.787	6.1	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.046	24.8	109	0.00
92	1,2,3-Trichlorobenzene	20.000	15.254	23.7	104	0.00

(#) = Out of Range

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