

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057023.D
 Acq On : 1 Aug 2019 9:03
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 02 10:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 04:19:57 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	136	-0.02
2 M	Dichlorodifluoromethane	20.000	20.916	-4.6	144	0.00
3 M	Chloromethane	20.000	18.972	5.1	130	0.00
4 M	Vinyl Chloride	20.000	18.737	6.3	129	0.00
5 M	Bromomethane	20.000	18.565	7.2	130	0.00
6 M	Chloroethane	20.000	18.317	8.4	126	0.00
7 M	Trichlorofluoromethane	20.000	21.055	-5.3	147	-0.01
8 T	Diethyl Ether	20.000	19.907	0.5	137	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.621	-3.1	144	0.00
10 M	1,1-Dichloroethene	20.000	19.404	3.0	136	0.00
11	Methyl Iodide	20.000	18.330	8.4	132	0.00
12	Methyl Acetate	20.000	14.498	27.5	107	-0.02
13 M	Acrolein	100.000	109.438	-9.4	149	0.00
14 M	Acrylonitrile	100.000	88.172	11.8	123	-0.02
15 M	Acetone	100.000	142.829	-42.8#	194	-0.02
16 M	Carbon Disulfide	20.000	19.359	3.2	140	0.00
17	Allyl chloride	20.000	17.703	11.5	127	-0.01
18 M	Methylene Chloride	20.000	19.196	4.0	133	-0.01
19 M	trans-1,2-Dichloroethene	20.000	19.604	2.0	139	-0.02
20 T	Diisopropyl ether	20.000	18.478	7.6	126	-0.02
21 M	1,1-Dichloroethane	20.000	18.962	5.2	131	-0.02
22 M	cis-1,2-Dichloroethene	20.000	19.301	3.5	133	-0.02
23 M	tert-Butyl Alcohol	100.000	91.304	8.7	114	-0.03
24 M	Methyl tert-Butyl Ether	20.000	18.483	7.6	131	-0.03
25 M	Chloroform	20.000	19.599	2.0	136	-0.01
26	Cyclohexane	20.000	19.123	4.4	136	-0.01
27 s	1,2-Dichloroethane-d4	30.000	29.511	1.6	135	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	136	0.00
29	1,1-Dichloropropene	20.000	19.938	0.3	140	-0.02
30 M	2-Butanone	100.000	103.344	-3.3	142	-0.02
31	2,2-Dichloropropane	20.000	21.130	-5.6	147	-0.02
32 M	1,1,1-Trichloroethane	20.000	20.271	-1.4	141	-0.01
33 M	Carbon Tetrachloride	20.000	20.014	-0.1	142	0.00
34 M	Benzene	20.000	19.368	3.2	133	-0.01
35	Methacrylonitrile	20.000	26.376	-31.9#	168	0.00
36 M	1,2-Dichloroethane	20.000	19.737	1.3	136	-0.01
37 M	Trichloroethene	20.000	20.193	-1.0	141	0.00
38	Methylcyclohexane	20.000	19.961	0.2	143	0.00
39 M	1,2-Dichloropropane	20.000	19.173	4.1	133	0.00
40	Dibromomethane	20.000	19.595	2.0	136	0.00
41 M	Bromodichloromethane	20.000	19.604	2.0	138	-0.01
42 M	Vinyl Acetate	100.000	88.696	11.3	123	-0.02
43	Ethyl Acetate	20.000	16.807	16.0	118	-0.03
44	Isopropyl Acetate	20.000	18.213	8.9	125	-0.01
45 T	1,4-Dioxane	400.000	377.136	5.7	130	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	16.441	17.8	117	-0.01
47	n-amyl Acetate	20.000	15.753	21.2	116	0.00
48 M	t-1,3-Dichloropropene	20.000	18.576	7.1	136	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.241	3.8	137	0.00
50 M	1,1,2-Trichloroethane	20.000	19.487	2.6	131	0.00
51	Ethyl methacrylate	20.000	17.507	12.5	124	0.00
52	1,3-Dichloropropane	20.000	19.177	4.1	131	0.00
53 M	Dibromochloromethane	20.000	19.195	4.0	136	0.00
54 M	1,2-Dibromoethane	20.000	19.152	4.2	134	0.00
55 M	2-Chloroethyl vinyl ether	100.000	80.623	19.4	111	0.00
56 M	Bromoform	20.000	18.956	5.2	139	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	137	0.00
58 M	4-Methyl-2-Pentanone	100.000	88.246	11.8	117	0.00
59 M	2-Hexanone	100.000	94.197	5.8	129	0.00
60 S	4-Bromofluorobenzene	30.000	28.494	5.0	132	0.00
61 M	Tetrachloroethene	20.000	21.467	-7.3	142	0.00
62 M	Toluene	20.000	19.678	1.6	135	0.00
63 S	Toluene-d8	30.000	30.775	-2.6	136	0.00
64 M	Chlorobenzene	20.000	20.060	-0.3	139	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.035	-0.2	137	0.00
66 M	Ethyl Benzene	20.000	19.588	2.1	136	0.00
67 M	m/p-Xylenes	40.000	40.124	-0.3	139	0.00
68 M	o-Xylene	20.000	19.563	2.2	135	0.00
69 M	Styrene	20.000	19.210	3.9	135	0.00
70	Isopropylbenzene	20.000	19.887	0.6	137	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.342	3.3	129	0.00
72	1,2,3-Trichloropropane	20.000	18.646	6.8	129	0.00
73	Bromobenzene	20.000	19.536	2.3	138	0.00
74	n-propylbenzene	20.000	19.275	3.6	137	0.00
75	2-Chlorotoluene	20.000	19.711	1.4	136	0.00
76	1,3,5-Trimethylbenzene	20.000	20.191	-1.0	140	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.412	12.9	132	0.00
78	4-Chlorotoluene	20.000	18.774	6.1	134	0.00
79	tert-butylbenzene	20.000	20.246	-1.2	141	0.00
80	1,2,4-Trimethylbenzene	20.000	19.788	1.1	135	0.00
81	sec-Butylbenzene	20.000	19.726	1.4	139	0.00
82	p-Isopropyltoluene	20.000	19.494	2.5	137	0.00
83 M	1,3-Dichlorobenzene	20.000	18.370	8.1	133	0.00
84 M	1,4-Dichlorobenzene	20.000	17.852	10.7	133	0.00
85	n-Butylbenzene	20.000	17.479	12.6	129	0.00
86 T	Hexachloroethane	20.000	19.685	1.6	141	0.00
87 M	1,2-Dichlorobenzene	20.000	19.067	4.7	134	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.021	19.9	112	0.00
89	1,2,4-Trichlorobenzene	20.000	17.204	14.0	117	0.00
90	Hexachlorobutadiene	20.000	22.245	-11.2	155	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	15.692	21.5	103	0.00
92	1,2,3-Trichlorobenzene	20.000	13.966	30.2#	116	-0.02

(#) = Out of Range

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