

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057049.D
 Acq On : 1 Aug 2019 19:50
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 02 10:31:18 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	140	-0.01
2 M	Dichlorodifluoromethane	20.000	20.905	-4.5	147	0.00
3 M	Chloromethane	20.000	19.308	3.5	136	0.00
4 M	Vinyl Chloride	20.000	19.213	3.9	135	0.00
5 M	Bromomethane	20.000	20.693	-3.5	148	-0.01
6 M	Chloroethane	20.000	18.300	8.5	129	0.00
7 M	Trichlorofluoromethane	20.000	21.347	-6.7	153	-0.01
8 T	Diethyl Ether	20.000	21.228	-6.1	149	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.093	-0.5	144	0.00
10 M	1,1-Dichloroethene	20.000	20.071	-0.4	144	0.00
11	Methyl Iodide	20.000	19.065	4.7	141	0.00
12	Methyl Acetate	20.000	16.276	18.6	123	-0.02
13 M	Acrolein	100.000	112.313	-12.3	157	0.00
14 M	Acrylonitrile	100.000	95.254	4.7	136	-0.02
15 M	Acetone	100.000	96.455	3.5	134	0.00
16 M	Carbon Disulfide	20.000	19.270	3.7	143	0.00
17	Allyl chloride	20.000	18.698	6.5	138	0.00
18 M	Methylene Chloride	20.000	19.872	0.6	141	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.276	-1.4	147	0.00
20 T	Diisopropyl ether	20.000	19.354	3.2	136	-0.02
21 M	1,1-Dichloroethane	20.000	19.882	0.6	140	-0.02
22 M	cis-1,2-Dichloroethene	20.000	19.859	0.7	140	-0.01
23 M	tert-Butyl Alcohol	100.000	104.654	-4.7	134	-0.03
24 M	Methyl tert-Butyl Ether	20.000	20.048	-0.2	146	-0.03
25 M	Chloroform	20.000	20.168	-0.8	143	0.00
26	Cyclohexane	20.000	19.528	2.4	142	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.023	3.3	137	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	138	0.00
29	1,1-Dichloropropene	20.000	20.731	-3.7	148	0.00
30 M	2-Butanone	100.000	96.787	3.2	136	-0.02
31	2,2-Dichloropropane	20.000	20.697	-3.5	147	-0.02
32 M	1,1,1-Trichloroethane	20.000	20.932	-4.7	148	0.00
33 M	Carbon Tetrachloride	20.000	20.783	-3.9	150	0.00
34 M	Benzene	20.000	20.110	-0.5	140	0.00
35	Methacrylonitrile	20.000	23.383	-16.9	151	0.00
36 M	1,2-Dichloroethane	20.000	20.366	-1.8	142	0.00
37 M	Trichloroethene	20.000	20.731	-3.7	147	0.00
38	Methylcyclohexane	20.000	19.951	0.2	146	0.00
39 M	1,2-Dichloropropane	20.000	20.109	-0.5	142	0.00
40	Dibromomethane	20.000	20.275	-1.4	143	0.00
41 M	Bromodichloromethane	20.000	20.118	-0.6	144	0.00
42 M	Vinyl Acetate	100.000	96.646	3.4	137	-0.02
43	Ethyl Acetate	20.000	20.207	-1.0	144	-0.02
44	Isopropyl Acetate	20.000	19.164	4.2	134	0.00
45 T	1,4-Dioxane	400.000	405.030	-1.3	142	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.655	6.7	135	0.00
47	n-amyl Acetate	20.000	18.255	8.7	137	0.00
48 M	t-1,3-Dichloropropene	20.000	19.769	1.2	148	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.958	0.2	145	0.00
50 M	1,1,2-Trichloroethane	20.000	19.952	0.2	136	0.00
51	Ethyl methacrylate	20.000	19.444	2.8	140	0.00
52	1,3-Dichloropropane	20.000	20.058	-0.3	140	0.00
53 M	Dibromochloromethane	20.000	20.518	-2.6	148	0.00
54 M	1,2-Dibromoethane	20.000	20.570	-2.9	146	0.00
55 M	2-Chloroethyl vinyl ether	100.000	79.999	20.0	112	0.00
56 M	Bromoform	20.000	20.392	-2.0	152	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	139	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.506	2.5	132	0.00
59 M	2-Hexanone	100.000	98.964	1.0	138	0.00
60 S	4-Bromofluorobenzene	30.000	28.872	3.8	136	0.00
61 M	Tetrachloroethene	20.000	21.611	-8.1	145	0.00
62 M	Toluene	20.000	20.571	-2.9	143	0.00
63 S	Toluene-d8	30.000	30.236	-0.8	136	0.00
64 M	Chlorobenzene	20.000	20.858	-4.3	147	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.903	-4.5	145	0.00
66 M	Ethyl Benzene	20.000	20.712	-3.6	146	0.00
67 M	m/p-Xylenes	40.000	41.529	-3.8	146	0.00
68 M	o-Xylene	20.000	21.017	-5.1	148	0.00
69 M	Styrene	20.000	20.212	-1.1	144	0.00
70	Isopropylbenzene	20.000	21.095	-5.5	147	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.664	-3.3	140	0.00
72	1,2,3-Trichloropropane	20.000	20.530	-2.7	144	0.00
73	Bromobenzene	20.000	20.301	-1.5	145	0.00
74	n-propylbenzene	20.000	19.998	0.0	144	0.00
75	2-Chlorotoluene	20.000	20.398	-2.0	143	0.00
76	1,3,5-Trimethylbenzene	20.000	20.993	-5.0	147	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.320	3.4	149	0.00
78	4-Chlorotoluene	20.000	19.600	2.0	142	0.00
79	tert-butylbenzene	20.000	21.310	-6.5	151	0.00
80	1,2,4-Trimethylbenzene	20.000	20.590	-2.9	142	0.00
81	sec-Butylbenzene	20.000	20.649	-3.2	147	0.00
82	p-Isopropyltoluene	20.000	20.240	-1.2	144	0.00
83 M	1,3-Dichlorobenzene	20.000	19.415	2.9	143	0.00
84 M	1,4-Dichlorobenzene	20.000	18.719	6.4	142	0.00
85	n-Butylbenzene	20.000	18.474	7.6	138	0.00
86 T	Hexachloroethane	20.000	21.406	-7.0	156	0.00
87 M	1,2-Dichlorobenzene	20.000	20.092	-0.5	143	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.770	1.2	141	0.00
89	1,2,4-Trichlorobenzene	20.000	18.386	8.1	134	0.00
90	Hexachlorobutadiene	20.000	22.108	-10.5	156	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	18.022	9.9	135	0.00
92	1,2,3-Trichlorobenzene	20.000	16.207	19.0	136	-0.02

(#) = Out of Range

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