

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070919\
 Data File : VN056621.D
 Acq On : 9 Jul 2019 10:04
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 09 13:38:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 11:05:14 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	110	0.00
2 M	Dichlorodifluoromethane	20.000	19.925	0.4	110	0.00
3 M	Chloromethane	20.000	18.261	8.7	104	0.00
4 M	Vinyl Chloride	20.000	19.227	3.9	110	0.00
5 M	Bromomethane	20.000	22.142	-10.7	117	0.00
6 M	Chloroethane	20.000	20.159	-0.8	115	0.00
7 M	Trichlorofluoromethane	20.000	19.622	1.9	110	0.00
8 T	Diethyl Ether	20.000	19.119	4.4	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.933	0.3	113	0.00
10 M	1,1-Dichloroethene	20.000	19.642	1.8	111	0.00
11	Methyl Iodide	20.000	16.878	15.6	102	0.00
12	Methyl Acetate	20.000	18.334	8.3	110	0.00
13 M	Acrolein	100.000	82.701	17.3	95	0.00
14 M	Acrylonitrile	100.000	91.907	8.1	105	0.00
15 M	Acetone	100.000	123.862	-23.9	137	0.00
16 M	Carbon Disulfide	20.000	19.231	3.8	115	0.00
17	Allyl chloride	20.000	18.836	5.8	110	0.00
18 M	Methylene Chloride	20.000	19.201	4.0	109	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.036	4.8	108	0.00
20 T	Diisopropyl ether	20.000	19.363	3.2	110	0.00
21 M	1,1-Dichloroethane	20.000	19.126	4.4	108	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.343	3.3	111	0.00
23 M	tert-Butyl Alcohol	100.000	83.869	16.1	105	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.941	5.3	109	0.00
25 M	Chloroform	20.000	19.556	2.2	110	0.00
26	Cyclohexane	20.000	19.160	4.2	110	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.436	1.9	108	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	110	0.00
29	1,1-Dichloropropene	20.000	19.419	2.9	110	0.00
30 M	2-Butanone	100.000	104.548	-4.5	116	0.00
31	2,2-Dichloropropane	20.000	19.866	0.7	115	0.00
32 M	1,1,1-Trichloroethane	20.000	19.337	3.3	110	0.00
33 M	Carbon Tetrachloride	20.000	19.496	2.5	113	0.00
34 M	Benzene	20.000	19.498	2.5	110	0.00
35	Methacrylonitrile	20.000	18.860	5.7	101	0.00
36 M	1,2-Dichloroethane	20.000	19.408	3.0	110	0.00
37 M	Trichloroethene	20.000	19.494	2.5	112	0.00
38	Methylcyclohexane	20.000	19.467	2.7	111	0.00
39 M	1,2-Dichloropropane	20.000	19.469	2.7	109	0.00
40	Dibromomethane	20.000	19.512	2.4	110	0.00
41 M	Bromodichloromethane	20.000	19.454	2.7	113	0.00
42 M	Vinyl Acetate	100.000	95.953	4.0	109	0.00
43	Ethyl Acetate	20.000	18.568	7.2	104	0.00
44	Isopropyl Acetate	20.000	18.977	5.1	109	0.00
45 T	1,4-Dioxane	400.000	373.145	6.7	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.096	9.5	106	0.00
47	n-amyl Acetate	20.000	17.721	11.4	105	0.00
48 M	t-1,3-Dichloropropene	20.000	19.325	3.4	116	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.496	2.5	115	0.00
50 M	1,1,2-Trichloroethane	20.000	19.632	1.8	111	0.00
51	Ethyl methacrylate	20.000	18.415	7.9	105	0.00
52	1,3-Dichloropropane	20.000	19.235	3.8	109	0.00
53 M	Dibromochloromethane	20.000	19.744	1.3	116	0.00
54 M	1,2-Dibromoethane	20.000	18.790	6.1	108	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.321	7.7	105	0.00
56 M	Bromoform	20.000	19.035	4.8	118	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.187	6.8	105	0.00
59 M	2-Hexanone	100.000	97.554	2.4	111	0.00
60 S	4-Bromofluorobenzene	30.000	29.939	0.2	113	0.00
61 M	Tetrachloroethene	20.000	20.410	-2.1	113	0.00
62 M	Toluene	20.000	19.519	2.4	110	0.00
63 S	Toluene-d8	30.000	30.220	-0.7	109	0.00
64 M	Chlorobenzene	20.000	19.846	0.8	113	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.789	1.1	115	0.00
66 M	Ethyl Benzene	20.000	19.185	4.1	109	0.00
67 M	m/p-Xylenes	40.000	39.477	1.3	113	0.00
68 M	o-Xylene	20.000	19.324	3.4	110	0.00
69 M	Styrene	20.000	19.185	4.1	110	0.00
70	Isopropylbenzene	20.000	19.811	0.9	112	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.956	5.2	108	0.00
72	1,2,3-Trichloropropane	20.000	19.370	3.1	105	0.00
73	Bromobenzene	20.000	19.264	3.7	110	0.00
74	n-propylbenzene	20.000	19.541	2.3	114	0.00
75	2-Chlorotoluene	20.000	19.627	1.9	112	0.00
76	1,3,5-Trimethylbenzene	20.000	19.767	1.2	112	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.983	10.1	115	0.00
78	4-Chlorotoluene	20.000	19.390	3.0	112	0.00
79	tert-butylbenzene	20.000	19.545	2.3	112	0.00
80	1,2,4-Trimethylbenzene	20.000	19.777	1.1	114	0.00
81	sec-Butylbenzene	20.000	19.460	2.7	112	0.00
82	p-Isopropyltoluene	20.000	19.572	2.1	113	0.00
83 M	1,3-Dichlorobenzene	20.000	19.410	2.9	114	0.00
84 M	1,4-Dichlorobenzene	20.000	19.019	4.9	113	0.00
85	n-Butylbenzene	20.000	18.845	5.8	113	0.00
86 T	Hexachloroethane	20.000	19.239	3.8	118	0.00
87 M	1,2-Dichlorobenzene	20.000	19.226	3.9	110	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.209	14.0	106	0.00
89	1,2,4-Trichlorobenzene	20.000	16.852	15.7	110	0.00
90	Hexachlorobutadiene	20.000	19.698	1.5	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.777	21.1	104	0.00
92	1,2,3-Trichlorobenzene	20.000	17.220	13.9	109	0.00

(#) = Out of Range

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