

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049759.D
 Acq On : 11 Jul 2018 15:00
 Operator : MD\SY
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 01:59:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:52:12 2018
 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	21.418	-7.1	99	0.00
3 M	Chloromethane	20.000	20.217	-1.1	98	0.00
4 M	Vinyl Chloride	20.000	20.221	-1.1	98	0.00
5 M	Bromomethane	20.000	20.748	-3.7	106	0.00
6 M	Chloroethane	20.000	19.988	0.1	97	0.00
7 M	Trichlorofluoromethane	20.000	20.307	-1.5	98	0.00
8 T	Diethyl Ether	20.000	19.887	0.6	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.831	-4.2	102	0.00
10 M	1,1-Dichloroethene	20.000	20.054	-0.3	99	0.00
11	Methyl Iodide	20.000	19.188	4.1	98	0.00
12	Methyl Acetate	20.000	20.592	-3.0	101	0.00
13 M	Acrolein	100.000	98.744	1.3	111	0.00
14 M	Acrylonitrile	100.000	96.566	3.4	101	0.00
15 M	Acetone	100.000	100.832	-0.8	98	0.00
16 M	Carbon Disulfide	20.000	19.853	0.7	99	0.00
17	Allyl chloride	20.000	19.750	1.3	102	0.00
18 M	Methylene Chloride	20.000	19.635	1.8	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.798	1.0	100	0.00
20 T	Diisopropyl ether	20.000	20.004	-0.0	101	0.00
21 M	1,1-Dichloroethane	20.000	19.980	0.1	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.633	1.8	98	0.00
23 M	tert-Butyl Alcohol	100.000	100.474	-0.5	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.908	0.5	100	0.00
25 M	Chloroform	20.000	19.842	0.8	98	0.00
26	Cyclohexane	20.000	19.175	4.1	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.763	-2.5	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	19.496	2.5	100	0.00
30 M	2-Butanone	100.000	96.520	3.5	99	0.00
31	2,2-Dichloropropane	20.000	20.150	-0.7	101	0.00
32 M	1,1,1-Trichloroethane	20.000	19.418	2.9	98	0.00
33 M	Carbon Tetrachloride	20.000	19.468	2.7	99	0.00
34 M	Benzene	20.000	19.356	3.2	97	0.00
35	Methacrylonitrile	20.000	16.056	19.7	94	0.00
36 M	1,2-Dichloroethane	20.000	19.630	1.9	101	0.00
37 M	Trichloroethene	20.000	19.370	3.1	99	0.00
38	Methylcyclohexane	20.000	18.926	5.4	102	0.00
39 M	1,2-Dichloropropane	20.000	19.400	3.0	99	0.00
40	Dibromomethane	20.000	19.813	0.9	100	0.00
41 M	Bromodichloromethane	20.000	19.377	3.1	99	0.00
42 M	Vinyl Acetate	100.000	95.069	4.9	99	0.00
43	Ethyl Acetate	20.000	20.521	-2.6	114	0.00
44	Isopropyl Acetate	20.000	18.862	5.7	98	0.00
45 T	1,4-Dioxane	400.000	383.864	4.0	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.343	3.3	103	0.00
47	n-amyl Acetate	20.000	18.493	7.5	103	0.00
48 M	t-1,3-Dichloropropene	20.000	19.072	4.6	102	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.170	4.1	100	0.00
50 M	1,1,2-Trichloroethane	20.000	19.572	2.1	99	0.00
51	Ethyl methacrylate	20.000	18.750	6.3	101	0.00
52	1,3-Dichloropropane	20.000	19.430	2.9	100	0.00
53 M	Dibromochloromethane	20.000	18.944	5.3	98	0.00
54 M	1,2-Dibromoethane	20.000	19.179	4.1	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.102	3.9	107	0.00
56 M	Bromoform	20.000	18.560	7.2	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.357	1.6	98	0.00
59 M	2-Hexanone	100.000	100.883	-0.9	103	0.00
60 S	4-Bromofluorobenzene	30.000	29.784	0.7	101	0.00
61 M	Tetrachloroethene	20.000	19.815	0.9	98	0.00
62 M	Toluene	20.000	19.825	0.9	99	0.00
63 S	Toluene-d8	30.000	30.503	-1.7	99	0.00
64 M	Chlorobenzene	20.000	19.504	2.5	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.694	1.5	100	0.00
66 M	Ethyl Benzene	20.000	19.296	3.5	100	0.00
67 M	m/p-Xylenes	40.000	39.335	1.7	100	0.00
68 M	o-Xylene	20.000	19.437	2.8	100	0.00
69 M	Styrene	20.000	19.263	3.7	100	0.00
70	Isopropylbenzene	20.000	19.582	2.1	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.830	0.9	99	0.00
72	1,2,3-Trichloropropane	20.000	19.788	1.1	101	0.00
73	Bromobenzene	20.000	19.203	4.0	99	0.00
74	n-propylbenzene	20.000	19.444	2.8	102	0.00
75	2-Chlorotoluene	20.000	19.492	2.5	99	0.00
76	1,3,5-Trimethylbenzene	20.000	19.626	1.9	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.248	8.8	101	0.00
78	4-Chlorotoluene	20.000	19.471	2.6	102	0.00
79	tert-butylbenzene	20.000	19.175	4.1	99	0.00
80	1,2,4-Trimethylbenzene	20.000	19.717	1.4	101	0.00
81	sec-Butylbenzene	20.000	19.760	1.2	103	0.00
82	p-Isopropyltoluene	20.000	19.600	2.0	103	0.00
83 M	1,3-Dichlorobenzene	20.000	19.330	3.4	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.415	2.9	105	0.00
85	n-Butylbenzene	20.000	19.015	4.9	106	0.00
86 T	Hexachloroethane	20.000	19.222	3.9	103	0.00
87 M	1,2-Dichlorobenzene	20.000	19.769	1.2	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.979	0.1	108	0.00
89	1,2,4-Trichlorobenzene	20.000	18.505	7.5	107	0.00
90	Hexachlorobutadiene	20.000	20.760	-3.8	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.503	12.5	107	0.00
92	1,2,3-Trichlorobenzene	20.000	19.259	3.7	105	0.00

(#) = Out of Range

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