

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100118\
 Data File : VN051626.D
 Acq On : 1 Oct 2018 10:18
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 02 01:06:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	20.720	-3.6	92	0.00
3 M	Chloromethane	20.000	19.587	2.1	89	0.00
4 M	Vinyl Chloride	20.000	18.643	6.8	87	0.00
5 M	Bromomethane	20.000	18.391	8.0	85	0.00
6 M	Chloroethane	20.000	19.036	4.8	82	0.00
7 M	Trichlorofluoromethane	20.000	19.614	1.9	92	0.00
8 T	Diethyl Ether	20.000	19.005	5.0	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.196	-6.0	98	0.00
10 M	1,1-Dichloroethene	20.000	19.830	0.9	92	0.00
11	Methyl Iodide	20.000	18.936	5.3	92	0.00
12	Methyl Acetate	20.000	19.025	4.9	88	0.00
13 M	Acrolein	100.000	78.174	21.8	79	0.00
14 M	Acrylonitrile	100.000	94.307	5.7	89	0.00
15 M	Acetone	100.000	100.315	-0.3	93	0.00
16 M	Carbon Disulfide	20.000	19.098	4.5	90	0.00
17	Allyl chloride	20.000	18.825	5.9	90	0.00
18 M	Methylene Chloride	20.000	20.102	-0.5	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.341	3.3	90	0.00
20 T	Diisopropyl ether	20.000	19.920	0.4	90	0.00
21 M	1,1-Dichloroethane	20.000	19.826	0.9	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.257	3.7	89	0.00
23 M	tert-Butyl Alcohol	100.000	88.463	11.5	86	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.115	4.4	90	0.00
25 M	Chloroform	20.000	20.524	-2.6	94	0.00
26	Cyclohexane	20.000	19.466	2.7	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.347	-1.2	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	19.922	0.4	92	0.00
30 M	2-Butanone	100.000	97.276	2.7	93	0.00
31	2,2-Dichloropropane	20.000	20.161	-0.8	92	0.00
32 M	1,1,1-Trichloroethane	20.000	20.447	-2.2	94	0.00
33 M	Carbon Tetrachloride	20.000	20.529	-2.6	95	0.00
34 M	Benzene	20.000	20.170	-0.9	93	0.00
35	Methacrylonitrile	20.000	18.159	9.2	81	0.00
36 M	1,2-Dichloroethane	20.000	19.852	0.7	92	0.00
37 M	Trichloroethene	20.000	19.552	2.2	92	0.00
38	Methylcyclohexane	20.000	18.942	5.3	90	0.00
39 M	1,2-Dichloropropane	20.000	20.253	-1.3	93	0.00
40	Dibromomethane	20.000	19.920	0.4	92	0.00
41 M	Bromodichloromethane	20.000	20.382	-1.9	94	0.00
42 M	Vinyl Acetate	100.000	95.161	4.8	89	0.00
43	Ethyl Acetate	20.000	19.459	2.7	88	0.00
44	Isopropyl Acetate	20.000	18.206	9.0	88	0.00
45 T	1,4-Dioxane	400.000	383.079	4.2	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.642	6.8	88	0.00
47	n-amyl Acetate	20.000	17.155	14.2	86	0.00
48 M	t-1,3-Dichloropropene	20.000	18.571	7.1	89	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.772	1.1	93	0.00
50 M	1,1,2-Trichloroethane	20.000	20.141	-0.7	93	0.00
51	Ethyl methacrylate	20.000	17.868	10.7	86	0.00
52	1,3-Dichloropropane	20.000	19.807	1.0	92	0.00
53 M	Dibromochloromethane	20.000	19.642	1.8	93	0.00
54 M	1,2-Dibromoethane	20.000	19.183	4.1	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.758	7.2	87	0.00
56 M	Bromoform	20.000	19.357	3.2	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.442	1.6	90	0.00
59 M	2-Hexanone	100.000	96.041	4.0	89	0.00
60 S	4-Bromofluorobenzene	30.000	29.778	0.7	95	0.00
61 M	Tetrachloroethene	20.000	20.482	-2.4	91	0.00
62 M	Toluene	20.000	20.228	-1.1	92	0.00
63 S	Toluene-d8	30.000	30.765	-2.6	96	0.00
64 M	Chlorobenzene	20.000	19.637	1.8	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.282	-1.4	94	0.00
66 M	Ethyl Benzene	20.000	19.219	3.9	89	0.00
67 M	m/p-Xylenes	40.000	39.784	0.5	90	0.00
68 M	o-Xylene	20.000	19.500	2.5	91	0.00
69 M	Styrene	20.000	19.500	2.5	90	0.00
70	Isopropylbenzene	20.000	19.858	0.7	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.072	-0.4	92	0.00
72	1,2,3-Trichloropropane	20.000	19.234	3.8	84	0.00
73	Bromobenzene	20.000	19.374	3.1	92	0.00
74	n-propylbenzene	20.000	19.624	1.9	92	0.00
75	2-Chlorotoluene	20.000	20.040	-0.2	92	0.00
76	1,3,5-Trimethylbenzene	20.000	20.063	-0.3	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.420	7.9	90	0.00
78	4-Chlorotoluene	20.000	19.649	1.8	92	0.00
79	tert-butylbenzene	20.000	19.513	2.4	91	0.00
80	1,2,4-Trimethylbenzene	20.000	19.844	0.8	90	0.00
81	sec-Butylbenzene	20.000	20.007	-0.0	92	0.00
82	p-Isopropyltoluene	20.000	19.830	0.9	92	0.00
83 M	1,3-Dichlorobenzene	20.000	19.724	1.4	93	0.00
84 M	1,4-Dichlorobenzene	20.000	18.874	5.6	89	0.00
85	n-Butylbenzene	20.000	19.075	4.6	93	0.00
86 T	Hexachloroethane	20.000	20.099	-0.5	94	0.00
87 M	1,2-Dichlorobenzene	20.000	19.737	1.3	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.806	6.0	88	0.00
89	1,2,4-Trichlorobenzene	20.000	16.225	18.9	84	0.00
90	Hexachlorobutadiene	20.000	20.038	-0.2	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.132	14.3	80	0.00
92	1,2,3-Trichlorobenzene	20.000	16.571	17.1	85	0.00

(#) = Out of Range

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