

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052642.D
 Acq On : 3 Dec 2018 20:03
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 04 00:49:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	18.222	8.9	82	0.00
3 M	Chloromethane	20.000	18.116	9.4	83	0.00
4 M	Vinyl Chloride	20.000	18.908	5.5	87	0.00
5 M	Bromomethane	20.000	20.158	-0.8	94	0.00
6 M	Chloroethane	20.000	19.008	5.0	87	0.00
7 M	Trichlorofluoromethane	20.000	19.346	3.3	90	0.00
8 T	Diethyl Ether	20.000	19.759	1.2	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.914	5.4	85	0.00
10 M	1,1-Dichloroethene	20.000	19.687	1.6	92	0.00
11	Methyl Iodide	20.000	20.689	-3.4	99	0.00
12	Methyl Acetate	20.000	21.715	-8.6	100	0.00
13 M	Acrolein	100.000	79.817	20.2	80	0.00
14 M	Acrylonitrile	100.000	102.503	-2.5	92	0.00
15 M	Acetone	100.000	88.281	11.7	75	0.00
16 M	Carbon Disulfide	20.000	17.365	13.2	81	0.00
17	Allyl chloride	20.000	18.822	5.9	87	0.00
18 M	Methylene Chloride	20.000	19.898	0.5	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.224	3.9	90	0.00
20 T	Diisopropyl ether	20.000	19.370	3.1	89	0.00
21 M	1,1-Dichloroethane	20.000	19.312	3.4	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.801	1.0	91	0.00
23 M	tert-Butyl Alcohol	100.000	119.807	-19.8	108	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.753	-3.8	96	0.00
25 M	Chloroform	20.000	19.620	1.9	91	0.00
26	Cyclohexane	20.000	18.039	9.8	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.932	0.2	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	19.054	4.7	87	0.00
30 M	2-Butanone	100.000	99.656	0.3	89	0.00
31	2,2-Dichloropropane	20.000	18.536	7.3	87	0.00
32 M	1,1,1-Trichloroethane	20.000	20.039	-0.2	93	0.00
33 M	Carbon Tetrachloride	20.000	19.629	1.9	91	0.00
34 M	Benzene	20.000	19.686	1.6	90	0.00
35	Methacrylonitrile	20.000	16.517	17.4	75	0.00
36 M	1,2-Dichloroethane	20.000	20.125	-0.6	92	0.00
37 M	Trichloroethene	20.000	19.872	0.6	92	0.00
38	Methylcyclohexane	20.000	18.282	8.6	83	0.00
39 M	1,2-Dichloropropane	20.000	19.368	3.2	89	0.00
40	Dibromomethane	20.000	20.788	-3.9	95	0.00
41 M	Bromodichloromethane	20.000	19.824	0.9	92	0.00
42 M	Vinyl Acetate	100.000	99.615	0.4	92	0.00
43	Ethyl Acetate	20.000	21.655	-8.3	96	0.00
44	Isopropyl Acetate	20.000	24.189	-20.9	113	0.00
45 T	1,4-Dioxane	400.000	462.172	-15.5	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.980	-4.9	98	0.00
47	n-amyl Acetate	20.000	20.458	-2.3	99	0.00
48 M	t-1,3-Dichloropropene	20.000	19.696	1.5	95	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.476	2.6	91	0.00
50 M	1,1,2-Trichloroethane	20.000	21.149	-5.7	95	0.00
51	Ethyl methacrylate	20.000	21.015	-5.1	100	0.00
52	1,3-Dichloropropane	20.000	20.391	-2.0	93	0.00
53 M	Dibromochloromethane	20.000	20.742	-3.7	96	0.00
54 M	1,2-Dibromoethane	20.000	21.052	-5.3	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	108.440	-8.4	98	0.00
56 M	Bromoform	20.000	21.079	-5.4	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.069	-8.1	96	0.00
59 M	2-Hexanone	100.000	103.485	-3.5	92	0.00
60 S	4-Bromofluorobenzene	30.000	29.749	0.8	92	0.00
61 M	Tetrachloroethene	20.000	21.198	-6.0	95	0.00
62 M	Toluene	20.000	19.853	0.7	90	0.00
63 S	Toluene-d8	30.000	29.567	1.4	90	0.00
64 M	Chlorobenzene	20.000	19.969	0.2	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.231	-1.2	95	0.00
66 M	Ethyl Benzene	20.000	19.645	1.8	90	0.00
67 M	m/p-Xylenes	40.000	40.085	-0.2	91	0.00
68 M	o-Xylene	20.000	20.159	-0.8	93	0.00
69 M	Styrene	20.000	19.955	0.2	92	0.00
70	Isopropylbenzene	20.000	20.012	-0.1	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.706	-8.5	97	0.00
72	1,2,3-Trichloropropane	20.000	21.422	-7.1	103	0.00
73	Bromobenzene	20.000	20.698	-3.5	96	0.00
74	n-propylbenzene	20.000	19.379	3.1	88	0.00
75	2-Chlorotoluene	20.000	20.062	-0.3	91	0.00
76	1,3,5-Trimethylbenzene	20.000	20.232	-1.2	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.243	3.8	94	0.00
78	4-Chlorotoluene	20.000	19.631	1.8	90	0.00
79	tert-butylbenzene	20.000	20.325	-1.6	92	0.00
80	1,2,4-Trimethylbenzene	20.000	20.158	-0.8	91	0.00
81	sec-Butylbenzene	20.000	19.650	1.8	89	0.00
82	p-Isopropyltoluene	20.000	19.631	1.8	90	0.00
83 M	1,3-Dichlorobenzene	20.000	20.122	-0.6	93	0.00
84 M	1,4-Dichlorobenzene	20.000	20.046	-0.2	93	0.00
85	n-Butylbenzene	20.000	18.289	8.6	84	0.00
86 T	Hexachloroethane	20.000	19.293	3.5	90	0.00
87 M	1,2-Dichlorobenzene	20.000	20.827	-4.1	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.307	-11.5	105	0.00
89	1,2,4-Trichlorobenzene	20.000	19.593	2.0	94	0.00
90	Hexachlorobutadiene	20.000	19.740	1.3	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.162	-0.8	96	0.00
92	1,2,3-Trichlorobenzene	20.000	20.549	-2.7	97	0.00

(#) = Out of Range

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