

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN090418\
 Data File : VN051007.D
 Acq On : 4 Sep 2018 10:02
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 04 10:56:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	16.923	15.4	73	0.00
3 M	Chloromethane	20.000	15.979	20.1	70	0.00
4 M	Vinyl Chloride	20.000	16.663	16.7	74	0.00
5 M	Bromomethane	20.000	15.673	21.6	75	0.00
6 M	Chloroethane	20.000	16.578	17.1	75	0.00
7 M	Trichlorofluoromethane	20.000	17.215	13.9	78	0.00
8 T	Diethyl Ether	20.000	16.372	18.1	78	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.369	13.2	79	0.00
10 M	1,1-Dichloroethene	20.000	16.689	16.6	77	0.00
11	Methyl Iodide	20.000	12.608	37.0#	69	0.00
12	Methyl Acetate	20.000	17.026	14.9	79	0.00
13 M	Acrolein	100.000	40.535	59.5#	46	0.00
14 M	Acrylonitrile	100.000	73.267	26.7	70	0.00
15 M	Acetone	100.000	80.727	19.3	80	0.00
16 M	Carbon Disulfide	20.000	16.193	19.0	75	0.00
17	Allyl chloride	20.000	16.602	17.0	80	0.00
18 M	Methylene Chloride	20.000	17.001	15.0	77	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.943	15.3	79	0.00
20 T	Diisopropyl ether	20.000	17.102	14.5	77	0.00
21 M	1,1-Dichloroethane	20.000	17.246	13.8	79	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.750	16.3	78	0.00
23 M	tert-Butyl Alcohol	100.000	64.661	35.3#	62	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.147	19.3	77	0.00
25 M	Chloroform	20.000	17.273	13.6	78	0.00
26	Cyclohexane	20.000	16.146	19.3	77	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.496	1.7	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	17.200	14.0	79	0.00
30 M	2-Butanone	100.000	70.967	29.0	70	0.00
31	2,2-Dichloropropane	20.000	19.507	2.5	92	0.00
32 M	1,1,1-Trichloroethane	20.000	17.473	12.6	79	0.00
33 M	Carbon Tetrachloride	20.000	17.214	13.9	78	0.00
34 M	Benzene	20.000	17.308	13.5	79	0.00
35	Methacrylonitrile	20.000	12.690	36.6#	54	0.00
36 M	1,2-Dichloroethane	20.000	17.279	13.6	77	0.00
37 M	Trichloroethene	20.000	17.393	13.0	81	0.00
38	Methylcyclohexane	20.000	16.242	18.8	79	0.00
39 M	1,2-Dichloropropane	20.000	17.490	12.6	79	0.00
40	Dibromomethane	20.000	16.469	17.7	75	0.00
41 M	Bromodichloromethane	20.000	16.908	15.5	77	0.00
42 M	Vinyl Acetate	100.000	75.906	24.1	71	0.00
43	Ethyl Acetate	20.000	14.063	29.7	63	0.00
44	Isopropyl Acetate	20.000	15.290	23.6	71	0.00
45 T	1,4-Dioxane	400.000	280.142	30.0	63	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	14.381	28.1	69	0.00
47	n-amyl Acetate	20.000	12.148	39.3#	61	0.00
48 M	t-1,3-Dichloropropene	20.000	16.034	19.8	77	0.00
49 T	cis-1,3-Dichloropropene	20.000	16.988	15.1	80	0.00
50 M	1,1,2-Trichloroethane	20.000	16.467	17.7	74	0.00
51	Ethyl methacrylate	20.000	14.168	29.2	71	0.00
52	1,3-Dichloropropane	20.000	16.386	18.1	75	0.00
53 M	Dibromochloromethane	20.000	16.016	19.9	75	0.00
54 M	1,2-Dibromoethane	20.000	15.464	22.7	72	0.00
55 M	2-Chloroethyl vinyl ether	100.000	82.366	17.6	80	0.00
56 M	Bromoform	20.000	14.739	26.3	70	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	72.616	27.4	66	0.00
59 M	2-Hexanone	100.000	68.877	31.1#	65	0.00
60 S	4-Bromofluorobenzene	30.000	28.409	5.3	84	0.00
61 M	Tetrachloroethene	20.000	17.769	11.2	77	0.00
62 M	Toluene	20.000	17.485	12.6	76	0.00
63 S	Toluene-d8	30.000	31.160	-3.9	90	0.00
64 M	Chlorobenzene	20.000	16.898	15.5	75	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.198	9.0	80	0.00
66 M	Ethyl Benzene	20.000	16.370	18.1	74	0.00
67 M	m/p-Xylenes	40.000	33.647	15.9	74	0.00
68 M	o-Xylene	20.000	16.926	15.4	75	0.00
69 M	Styrene	20.000	15.617	21.9	70	0.00
70	Isopropylbenzene	20.000	16.591	17.0	73	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	15.659	21.7	68	0.00
72	1,2,3-Trichloropropane	20.000	13.516	32.4#	59	0.00
73	Bromobenzene	20.000	16.050	19.7	72	0.00
74	n-propylbenzene	20.000	15.775	21.1	70	0.00
75	2-Chlorotoluene	20.000	16.526	17.4	73	0.00
76	1,3,5-Trimethylbenzene	20.000	16.561	17.2	72	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.636	31.8#	67	0.00
78	4-Chlorotoluene	20.000	15.913	20.4	70	0.00
79	tert-butylbenzene	20.000	16.370	18.1	72	0.00
80	1,2,4-Trimethylbenzene	20.000	16.363	18.2	71	0.00
81	sec-Butylbenzene	20.000	16.291	18.5	72	0.00
82	p-Isopropyltoluene	20.000	15.977	20.1	71	0.00
83 M	1,3-Dichlorobenzene	20.000	15.121	24.4	68	0.00
84 M	1,4-Dichlorobenzene	20.000	14.912	25.4	67	0.00
85	n-Butylbenzene	20.000	14.570	27.1	69	0.00
86 T	Hexachloroethane	20.000	15.765	21.2	71	0.00
87 M	1,2-Dichlorobenzene	20.000	15.444	22.8	68	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	13.786	31.1#	60	0.00
89	1,2,4-Trichlorobenzene	20.000	12.038	39.8#	63	0.00
90	Hexachlorobutadiene	20.000	18.130	9.4	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.541	22.3	58	0.00
92	1,2,3-Trichlorobenzene	20.000	13.045	34.8#	64	0.00

(#) = Out of Range

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