

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN073118\
 Data File : VN050202.D
 Acq On : 31 Jul 2018 8:17
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 31 17:40:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 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	20.672	-3.4	85	0.00
3 M	Chloromethane	20.000	18.381	8.1	82	0.00
4 M	Vinyl Chloride	20.000	18.888	5.6	83	0.00
5 M	Bromomethane	20.000	7.423	62.9#	33	0.00
6 M	Chloroethane	20.000	19.566	2.2	87	0.00
7 M	Trichlorofluoromethane	20.000	20.194	-1.0	87	0.00
8 T	Diethyl Ether	20.000	19.204	4.0	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.992	-5.0	90	0.00
10 M	1,1-Dichloroethene	20.000	19.649	1.8	87	0.00
11	Methyl Iodide	20.000	5.166	74.2#	24	0.00
12	Methyl Acetate	20.000	20.776	-3.9	92	0.00
13 M	Acrolein	100.000	27.623	72.4#	29	0.00
14 M	Acrylonitrile	100.000	85.461	14.5	80	0.00
15 M	Acetone	100.000	93.666	6.3	82	0.00
16 M	Carbon Disulfide	20.000	18.575	7.1	83	0.00
17	Allyl chloride	20.000	19.661	1.7	91	0.00
18 M	Methylene Chloride	20.000	19.932	0.3	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.897	0.5	89	0.00
20 T	Diisopropyl ether	20.000	20.351	-1.8	91	0.00
21 M	1,1-Dichloroethane	20.000	19.998	0.0	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.993	0.0	91	0.00
23 M	tert-Butyl Alcohol	100.000	71.853	28.1	68	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.661	6.7	86	0.00
25 M	Chloroform	20.000	20.334	-1.7	90	0.00
26	Cyclohexane	20.000	19.842	0.8	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.789	-2.6	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	18.787	6.1	89	0.00
30 M	2-Butanone	100.000	77.349	22.7	78	0.00
31	2,2-Dichloropropane	20.000	19.036	4.8	91	0.00
32 M	1,1,1-Trichloroethane	20.000	18.674	6.6	90	0.00
33 M	Carbon Tetrachloride	20.000	18.468	7.7	90	0.00
34 M	Benzene	20.000	18.754	6.2	90	0.00
35	Methacrylonitrile	20.000	15.432	22.8	81	0.00
36 M	1,2-Dichloroethane	20.000	17.856	10.7	86	0.00
37 M	Trichloroethene	20.000	18.811	5.9	91	0.00
38	Methylcyclohexane	20.000	18.402	8.0	92	0.00
39 M	1,2-Dichloropropane	20.000	18.764	6.2	91	0.00
40	Dibromomethane	20.000	17.857	10.7	88	0.00
41 M	Bromodichloromethane	20.000	19.103	4.5	93	0.00
42 M	Vinyl Acetate	100.000	83.008	17.0	83	0.00
43	Ethyl Acetate	20.000	15.631	21.8	76	0.00
44	Isopropyl Acetate	20.000	17.549	12.3	87	0.00
45 T	1,4-Dioxane	400.000	303.030	24.2	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	15.597	22.0	79	0.00
47	n-amyl Acetate	20.000	14.360	28.2	78	0.00
48 M	t-1,3-Dichloropropene	20.000	18.013	9.9	89	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.161	9.2	90	0.00
50 M	1,1,2-Trichloroethane	20.000	17.925	10.4	88	0.00
51	Ethyl methacrylate	20.000	15.981	20.1	85	0.00
52	1,3-Dichloropropane	20.000	17.862	10.7	88	0.00
53 M	Dibromochloromethane	20.000	17.906	10.5	89	0.00
54 M	1,2-Dibromoethane	20.000	17.087	14.6	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	79.638	20.4	81	0.00
56 M	Bromoform	20.000	16.038	19.8	82	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	81.171	18.8	77	0.00
59 M	2-Hexanone	100.000	78.123	21.9	76	0.00
60 S	4-Bromofluorobenzene	30.000	29.077	3.1	95	0.00
61 M	Tetrachloroethene	20.000	18.980	5.1	86	0.00
62 M	Toluene	20.000	19.319	3.4	90	0.00
63 S	Toluene-d8	30.000	30.454	-1.5	96	0.00
64 M	Chlorobenzene	20.000	19.357	3.2	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.160	4.2	90	0.00
66 M	Ethyl Benzene	20.000	19.009	5.0	91	0.00
67 M	m/p-Xylenes	40.000	38.641	3.4	90	0.00
68 M	o-Xylene	20.000	19.004	5.0	92	0.00
69 M	Styrene	20.000	18.961	5.2	90	0.00
70	Isopropylbenzene	20.000	19.371	3.1	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.205	14.0	83	0.00
72	1,2,3-Trichloropropane	20.000	16.692	16.5	79	0.00
73	Bromobenzene	20.000	18.261	8.7	88	0.00
74	n-propylbenzene	20.000	19.059	4.7	89	0.00
75	2-Chlorotoluene	20.000	19.084	4.6	90	0.00
76	1,3,5-Trimethylbenzene	20.000	19.414	2.9	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.655	26.7	76	0.00
78	4-Chlorotoluene	20.000	19.275	3.6	91	0.00
79	tert-butylbenzene	20.000	19.044	4.8	91	0.00
80	1,2,4-Trimethylbenzene	20.000	19.221	3.9	89	0.00
81	sec-Butylbenzene	20.000	19.237	3.8	90	0.00
82	p-Isopropyltoluene	20.000	19.246	3.8	90	0.00
83 M	1,3-Dichlorobenzene	20.000	18.461	7.7	88	0.00
84 M	1,4-Dichlorobenzene	20.000	18.143	9.3	87	0.00
85	n-Butylbenzene	20.000	18.000	10.0	88	0.00
86 T	Hexachloroethane	20.000	18.031	9.8	86	0.00
87 M	1,2-Dichlorobenzene	20.000	18.691	6.5	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.494	27.5	71	0.00
89	1,2,4-Trichlorobenzene	20.000	15.566	22.2	80	0.00
90	Hexachlorobutadiene	20.000	19.121	4.4	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.517	17.4	73	0.00
92	1,2,3-Trichlorobenzene	20.000	15.849	20.8	79	0.00

(#) = Out of Range

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