

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN072718\
 Data File : VN050124.D
 Acq On : 27 Jul 2018 11:08
 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 27 12:56:32 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	109	0.00
2 M	Dichlorodifluoromethane	20.000	21.246	-6.2	103	0.00
3 M	Chloromethane	20.000	17.708	11.5	93	0.00
4 M	Vinyl Chloride	20.000	19.436	2.8	101	0.00
5 M	Bromomethane	20.000	11.145	44.3#	59	0.00
6 M	Chloroethane	20.000	19.250	3.8	101	0.00
7 M	Trichlorofluoromethane	20.000	20.432	-2.2	104	0.00
8 T	Diethyl Ether	20.000	20.705	-3.5	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.589	-2.9	105	0.00
10 M	1,1-Dichloroethene	20.000	20.666	-3.3	108	0.00
11	Methyl Iodide	20.000	5.964	70.2#	32	0.00
12	Methyl Acetate	20.000	21.120	-5.6	111	0.00
13 M	Acrolein	100.000	52.353	47.6#	64	0.00
14 M	Acrylonitrile	100.000	97.822	2.2	108	0.00
15 M	Acetone	100.000	107.828	-7.8	112	0.00
16 M	Carbon Disulfide	20.000	19.278	3.6	102	0.00
17	Allyl chloride	20.000	20.021	-0.1	110	0.00
18 M	Methylene Chloride	20.000	19.760	1.2	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.343	-1.7	107	0.00
20 T	Diisopropyl ether	20.000	20.643	-3.2	108	0.00
21 M	1,1-Dichloroethane	20.000	19.896	0.5	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.921	-4.6	112	0.00
23 M	tert-Butyl Alcohol	100.000	107.660	-7.7	120	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.325	-6.6	115	0.00
25 M	Chloroform	20.000	19.914	0.4	104	0.00
26	Cyclohexane	20.000	21.185	-5.9	113	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.156	-0.5	108	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	119	0.00
29	1,1-Dichloropropene	20.000	18.699	6.5	106	0.00
30 M	2-Butanone	100.000	91.650	8.3	111	0.00
31	2,2-Dichloropropane	20.000	19.240	3.8	111	0.00
32 M	1,1,1-Trichloroethane	20.000	18.517	7.4	107	0.00
33 M	Carbon Tetrachloride	20.000	18.309	8.5	107	0.00
34 M	Benzene	20.000	18.422	7.9	106	0.00
35	Methacrylonitrile	20.000	18.022	9.9	114	0.00
36 M	1,2-Dichloroethane	20.000	18.285	8.6	106	0.00
37 M	Trichloroethene	20.000	19.287	3.6	112	0.00
38	Methylcyclohexane	20.000	19.766	1.2	118	0.00
39 M	1,2-Dichloropropane	20.000	18.323	8.4	106	0.00
40	Dibromomethane	20.000	18.239	8.8	107	0.00
41 M	Bromodichloromethane	20.000	18.118	9.4	106	0.00
42 M	Vinyl Acetate	100.000	92.097	7.9	111	0.00
43	Ethyl Acetate	20.000	18.455	7.7	108	0.00
44	Isopropyl Acetate	20.000	20.006	-0.0	119	0.00
45 T	1,4-Dioxane	400.000	386.917	3.3	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.987	10.1	109	0.00
47	n-amyl Acetate	20.000	18.141	9.3	117	0.00
48 M	t-1,3-Dichloropropene	20.000	19.371	3.1	115	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.693	6.5	111	0.00
50 M	1,1,2-Trichloroethane	20.000	18.390	8.0	108	0.00
51	Ethyl methacrylate	20.000	19.109	4.5	123	0.00
52	1,3-Dichloropropane	20.000	18.576	7.1	109	0.00
53 M	Dibromochloromethane	20.000	18.117	9.4	108	0.00
54 M	1,2-Dibromoethane	20.000	18.668	6.7	112	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.941	11.1	109	0.00
56 M	Bromoform	20.000	17.448	12.8	107	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	117	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.393	4.6	109	0.00
59 M	2-Hexanone	100.000	96.002	4.0	113	0.00
60 S	4-Bromofluorobenzene	30.000	29.947	0.2	118	0.00
61 M	Tetrachloroethene	20.000	18.800	6.0	103	0.00
62 M	Toluene	20.000	19.382	3.1	109	0.00
63 S	Toluene-d8	30.000	29.265	2.4	111	0.00
64 M	Chlorobenzene	20.000	19.528	2.4	112	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.352	3.2	109	0.00
66 M	Ethyl Benzene	20.000	20.021	-0.1	116	0.00
67 M	m/p-Xylenes	40.000	39.946	0.1	112	0.00
68 M	o-Xylene	20.000	20.319	-1.6	118	0.00
69 M	Styrene	20.000	19.615	1.9	112	0.00
70	Isopropylbenzene	20.000	20.563	-2.8	117	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.605	7.0	109	0.00
72	1,2,3-Trichloropropane	20.000	18.571	7.1	107	0.00
73	Bromobenzene	20.000	19.297	3.5	112	0.00
74	n-propylbenzene	20.000	19.932	0.3	113	0.00
75	2-Chlorotoluene	20.000	19.691	1.5	112	0.00
76	1,3,5-Trimethylbenzene	20.000	20.432	-2.2	114	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.717	16.4	105	0.00
78	4-Chlorotoluene	20.000	19.488	2.6	111	0.00
79	tert-butylbenzene	20.000	20.602	-3.0	118	0.00
80	1,2,4-Trimethylbenzene	20.000	20.449	-2.2	114	0.00
81	sec-Butylbenzene	20.000	20.403	-2.0	115	0.00
82	p-Isopropyltoluene	20.000	20.457	-2.3	116	0.00
83 M	1,3-Dichlorobenzene	20.000	19.103	4.5	110	0.00
84 M	1,4-Dichlorobenzene	20.000	19.092	4.5	110	0.00
85	n-Butylbenzene	20.000	19.923	0.4	117	0.00
86 T	Hexachloroethane	20.000	17.306	13.5	99	0.00
87 M	1,2-Dichlorobenzene	20.000	19.154	4.2	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.663	6.7	110	0.00
89	1,2,4-Trichlorobenzene	20.000	19.654	1.7	122	0.00
90	Hexachlorobutadiene	20.000	20.378	-1.9	111	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	23.166	-15.8	153	0.00
92	1,2,3-Trichlorobenzene	20.000	20.212	-1.1	121	0.00

(#) = Out of Range

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