

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN081518\
 Data File : VN050667.D
 Acq On : 15 Aug 2018 20:35
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 16 04:32:17 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	86	0.00
2 M	Dichlorodifluoromethane	20.000	15.747	21.3	60	0.00
3 M	Chloromethane	20.000	19.686	1.6	81	0.00
4 M	Vinyl Chloride	20.000	19.349	3.3	79	0.00
5 M	Bromomethane	20.000	17.661	11.7	73	0.00
6 M	Chloroethane	20.000	20.061	-0.3	82	0.00
7 M	Trichlorofluoromethane	20.000	19.811	0.9	79	0.00
8 T	Diethyl Ether	20.000	20.189	-0.9	88	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.840	0.8	79	0.00
10 M	1,1-Dichloroethene	20.000	19.597	2.0	81	0.00
11	Methyl Iodide	20.000	8.666	56.7#	37	0.00
12	Methyl Acetate	20.000	17.464	12.7	72	0.00
13 M	Acrolein	100.000	28.954	71.0#	28	0.00
14 M	Acrylonitrile	100.000	101.060	-1.1	88	0.00
15 M	Acetone	100.000	121.071	-21.1	99	0.00
16 M	Carbon Disulfide	20.000	20.127	-0.6	84	0.00
17	Allyl chloride	20.000	19.213	3.9	83	0.00
18 M	Methylene Chloride	20.000	20.906	-4.5	87	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.484	-2.4	85	0.00
20 T	Diisopropyl ether	20.000	21.652	-8.3	89	0.00
21 M	1,1-Dichloroethane	20.000	20.674	-3.4	86	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.596	-3.0	87	0.00
23 M	tert-Butyl Alcohol	100.000	92.912	7.1	81	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.224	-1.1	86	0.00
25 M	Chloroform	20.000	20.927	-4.6	86	0.00
26	Cyclohexane	20.000	20.718	-3.6	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.474	1.8	83	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	20.633	-3.2	85	0.00
30 M	2-Butanone	100.000	116.029	-16.0	102	0.00
31	2,2-Dichloropropane	20.000	16.442	17.8	69	0.00
32 M	1,1,1-Trichloroethane	20.000	20.294	-1.5	85	0.00
33 M	Carbon Tetrachloride	20.000	20.153	-0.8	86	0.00
34 M	Benzene	20.000	21.104	-5.5	88	0.00
35	Methacrylonitrile	20.000	18.251	8.7	84	0.00
36 M	1,2-Dichloroethane	20.000	20.478	-2.4	86	0.00
37 M	Trichloroethene	20.000	20.414	-2.1	86	0.00
38	Methylcyclohexane	20.000	19.349	3.3	84	0.00
39 M	1,2-Dichloropropane	20.000	21.285	-6.4	89	0.00
40	Dibromomethane	20.000	20.545	-2.7	88	0.00
41 M	Bromodichloromethane	20.000	20.179	-0.9	86	0.00
42 M	Vinyl Acetate	100.000	102.095	-2.1	89	0.00
43	Ethyl Acetate	20.000	20.053	-0.3	85	0.00
44	Isopropyl Acetate	20.000	20.538	-2.7	88	0.00
45 T	1,4-Dioxane	400.000	397.938	0.5	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.283	8.6	80	0.00
47	n-amyl Acetate	20.000	18.936	5.3	89	0.00
48 M	t-1,3-Dichloropropene	20.000	19.524	2.4	84	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.634	1.8	85	0.00
50 M	1,1,2-Trichloroethane	20.000	20.746	-3.7	89	0.00
51	Ethyl methacrylate	20.000	19.489	2.6	91	0.00
52	1,3-Dichloropropane	20.000	20.734	-3.7	88	0.00
53 M	Dibromochloromethane	20.000	19.917	0.4	86	0.00
54 M	1,2-Dibromoethane	20.000	19.912	0.4	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.439	-2.4	91	0.00
56 M	Bromoform	20.000	19.406	3.0	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	129.947	-29.9	109	0.00
59 M	2-Hexanone	100.000	121.488	-21.5	104	0.00
60 S	4-Bromofluorobenzene	30.000	29.658	1.1	85	0.00
61 M	Tetrachloroethene	20.000	20.270	-1.3	81	0.00
62 M	Toluene	20.000	21.221	-6.1	87	0.00
63 S	Toluene-d8	30.000	30.815	-2.7	85	0.00
64 M	Chlorobenzene	20.000	20.919	-4.6	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.869	-4.3	86	0.00
66 M	Ethyl Benzene	20.000	20.317	-1.6	86	0.00
67 M	m/p-Xylenes	40.000	41.936	-4.8	86	0.00
68 M	o-Xylene	20.000	20.500	-2.5	87	0.00
69 M	Styrene	20.000	20.897	-4.5	87	0.00
70	Isopropylbenzene	20.000	20.566	-2.8	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.004	-5.0	89	0.00
72	1,2,3-Trichloropropane	20.000	19.894	0.5	83	0.00
73	Bromobenzene	20.000	20.172	-0.9	85	0.00
74	n-propylbenzene	20.000	19.905	0.5	82	0.00
75	2-Chlorotoluene	20.000	20.417	-2.1	84	0.00
76	1,3,5-Trimethylbenzene	20.000	20.642	-3.2	84	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.328	18.4	75	0.00
78	4-Chlorotoluene	20.000	20.218	-1.1	84	0.00
79	tert-butylbenzene	20.000	20.198	-1.0	85	0.00
80	1,2,4-Trimethylbenzene	20.000	20.607	-3.0	84	0.00
81	sec-Butylbenzene	20.000	19.725	1.4	81	0.00
82	p-Isopropyltoluene	20.000	19.460	2.7	80	0.00
83 M	1,3-Dichlorobenzene	20.000	19.690	1.5	83	0.00
84 M	1,4-Dichlorobenzene	20.000	19.547	2.3	82	0.00
85	n-Butylbenzene	20.000	17.863	10.7	77	0.00
86 T	Hexachloroethane	20.000	18.859	5.7	79	0.00
87 M	1,2-Dichlorobenzene	20.000	19.869	0.7	81	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.853	5.7	81	0.00
89	1,2,4-Trichlorobenzene	20.000	17.400	13.0	78	0.00
90	Hexachlorobutadiene	20.000	18.642	6.8	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.754	6.2	80	0.00
92	1,2,3-Trichlorobenzene	20.000	17.700	11.5	77	0.00

(#) = Out of Range

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