

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN090618\
 Data File : VN051028.D
 Acq On : 6 Sep 2018 12:01
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 07 01:29:31 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	113	0.00
2 M	Dichlorodifluoromethane	20.000	18.165	9.2	96	0.00
3 M	Chloromethane	20.000	17.755	11.2	95	0.00
4 M	Vinyl Chloride	20.000	17.757	11.2	97	0.00
5 M	Bromomethane	20.000	19.223	3.9	113	0.00
6 M	Chloroethane	20.000	17.866	10.7	99	0.00
7 M	Trichlorofluoromethane	20.000	18.860	5.7	105	0.00
8 T	Diethyl Ether	20.000	19.221	3.9	112	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.533	2.3	109	0.00
10 M	1,1-Dichloroethene	20.000	18.132	9.3	102	0.00
11	Methyl Iodide	20.000	15.194	24.0	101	0.00
12	Methyl Acetate	20.000	24.431	-22.2	139	0.00
13 M	Acrolein	100.000	255.696	-155.7#	351	0.00
14 M	Acrylonitrile	100.000	101.733	-1.7	118	0.00
15 M	Acetone	100.000	113.606	-13.6	137	0.00
16 M	Carbon Disulfide	20.000	16.877	15.6	96	0.00
17	Allyl chloride	20.000	18.280	8.6	107	0.00
18 M	Methylene Chloride	20.000	18.847	5.8	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.263	8.7	104	0.00
20 T	Diisopropyl ether	20.000	19.157	4.2	106	0.00
21 M	1,1-Dichloroethane	20.000	18.702	6.5	104	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.241	8.8	103	0.00
23 M	tert-Butyl Alcohol	100.000	105.714	-5.7	125	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.262	3.7	112	0.00
25 M	Chloroform	20.000	19.056	4.7	106	0.00
26	Cyclohexane	20.000	17.903	10.5	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.097	3.0	109	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	112	0.00
29	1,1-Dichloropropene	20.000	19.127	4.4	106	0.00
30 M	2-Butanone	100.000	105.999	-6.0	127	0.00
31	2,2-Dichloropropane	20.000	21.697	-8.5	124	0.00
32 M	1,1,1-Trichloroethane	20.000	19.474	2.6	107	0.00
33 M	Carbon Tetrachloride	20.000	19.353	3.2	106	0.00
34 M	Benzene	20.000	19.180	4.1	105	0.00
35	Methacrylonitrile	20.000	16.528	17.4	86	0.00
36 M	1,2-Dichloroethane	20.000	20.001	-0.0	108	0.00
37 M	Trichloroethene	20.000	19.479	2.6	109	0.00
38	Methylcyclohexane	20.000	18.599	7.0	109	0.00
39 M	1,2-Dichloropropane	20.000	19.621	1.9	106	0.00
40	Dibromomethane	20.000	19.580	2.1	108	0.00
41 M	Bromodichloromethane	20.000	19.312	3.4	107	0.00
42 M	Vinyl Acetate	100.000	92.278	7.7	104	0.00
43	Ethyl Acetate	20.000	20.028	-0.1	108	0.00
44	Isopropyl Acetate	20.000	20.148	-0.7	113	0.00
45 T	1,4-Dioxane	400.000	408.538	-2.1	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.521	2.4	113	0.00
47	n-amyl Acetate	20.000	19.493	2.5	117	0.00
48 M	t-1,3-Dichloropropene	20.000	19.312	3.4	113	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.511	2.4	111	0.00
50 M	1,1,2-Trichloroethane	20.000	19.854	0.7	107	0.00
51	Ethyl methacrylate	20.000	19.173	4.1	115	0.00
52	1,3-Dichloropropane	20.000	19.628	1.9	108	0.00
53 M	Dibromochloromethane	20.000	19.554	2.2	111	0.00
54 M	1,2-Dibromoethane	20.000	19.699	1.5	111	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.071	9.9	106	0.00
56 M	Bromoform	20.000	20.310	-1.5	116	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.711	-0.7	117	0.00
59 M	2-Hexanone	100.000	106.485	-6.5	128	0.00
60 S	4-Bromofluorobenzene	30.000	30.012	-0.0	113	0.00
61 M	Tetrachloroethene	20.000	19.288	3.6	107	0.00
62 M	Toluene	20.000	19.183	4.1	106	0.00
63 S	Toluene-d8	30.000	30.362	-1.2	112	0.00
64 M	Chlorobenzene	20.000	19.474	2.6	110	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.491	2.5	109	0.00
66 M	Ethyl Benzene	20.000	18.803	6.0	108	0.00
67 M	m/p-Xylenes	40.000	39.073	2.3	109	0.00
68 M	o-Xylene	20.000	19.331	3.3	109	0.00
69 M	Styrene	20.000	19.424	2.9	110	0.00
70	Isopropylbenzene	20.000	19.784	1.1	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.752	-3.8	114	0.00
72	1,2,3-Trichloropropane	20.000	20.704	-3.5	115	0.00
73	Bromobenzene	20.000	19.423	2.9	110	0.00
74	n-propylbenzene	20.000	19.522	2.4	110	0.00
75	2-Chlorotoluene	20.000	19.556	2.2	109	0.00
76	1,3,5-Trimethylbenzene	20.000	19.831	0.8	110	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.133	-0.7	125	0.00
78	4-Chlorotoluene	20.000	19.479	2.6	109	0.00
79	tert-butylbenzene	20.000	19.492	2.5	109	0.00
80	1,2,4-Trimethylbenzene	20.000	20.154	-0.8	110	0.00
81	sec-Butylbenzene	20.000	19.936	0.3	112	0.00
82	p-Isopropyltoluene	20.000	19.779	1.1	112	0.00
83 M	1,3-Dichlorobenzene	20.000	19.453	2.7	110	0.00
84 M	1,4-Dichlorobenzene	20.000	19.365	3.2	110	0.00
85	n-Butylbenzene	20.000	19.283	3.6	116	0.00
86 T	Hexachloroethane	20.000	20.003	-0.0	115	0.00
87 M	1,2-Dichlorobenzene	20.000	19.611	1.9	109	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.675	-3.4	113	0.00
89	1,2,4-Trichlorobenzene	20.000	17.185	14.1	114	0.00
90	Hexachlorobutadiene	20.000	21.900	-9.5	124	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.344	3.3	113	0.00
92	1,2,3-Trichlorobenzene	20.000	18.609	7.0	116	0.00

(#) = Out of Range

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