

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050912.D
 Acq On : 28 Aug 2018 14:18
 Operator : MD\SY
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICV020

Quant Time: Aug 29 01:41:48 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	106	0.00
2 M	Dichlorodifluoromethane	20.000	20.975	-4.9	104	0.00
3 M	Chloromethane	20.000	19.464	2.7	98	0.00
4 M	Vinyl Chloride	20.000	19.895	0.5	102	0.00
5 M	Bromomethane	20.000	20.041	-0.2	111	0.00
6 M	Chloroethane	20.000	19.427	2.9	102	0.00
7 M	Trichlorofluoromethane	20.000	20.582	-2.9	107	0.00
8 T	Diethyl Ether	20.000	20.184	-0.9	110	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.782	-3.9	109	0.00
10 M	1,1-Dichloroethene	20.000	20.617	-3.1	109	0.00
11	Methyl Iodide	20.000	18.414	7.9	115	0.00
12	Methyl Acetate	20.000	20.307	-1.5	108	0.00
13 M	Acrolein	100.000	85.617	14.4	111	0.00
14 M	Acrylonitrile	100.000	95.438	4.6	104	0.00
15 M	Acetone	100.000	92.127	7.9	105	0.00
16 M	Carbon Disulfide	20.000	20.940	-4.7	112	0.00
17	Allyl chloride	20.000	19.960	0.2	110	0.00
18 M	Methylene Chloride	20.000	19.529	2.4	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.841	-4.2	111	0.00
20 T	Diisopropyl ether	20.000	20.607	-3.0	107	0.00
21 M	1,1-Dichloroethane	20.000	19.734	1.3	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.922	0.4	106	0.00
23 M	tert-Butyl Alcohol	100.000	98.261	1.7	109	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.333	-1.7	111	0.00
25 M	Chloroform	20.000	20.012	-0.1	105	0.00
26	Cyclohexane	20.000	20.483	-2.4	113	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.947	0.2	106	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	20.069	-0.3	109	0.00
30 M	2-Butanone	100.000	89.919	10.1	105	0.00
31	2,2-Dichloropropane	20.000	20.803	-4.0	116	0.00
32 M	1,1,1-Trichloroethane	20.000	20.030	-0.2	107	0.00
33 M	Carbon Tetrachloride	20.000	19.691	1.5	106	0.00
34 M	Benzene	20.000	19.678	1.6	105	0.00
35	Methacrylonitrile	20.000	19.083	4.6	96	0.00
36 M	1,2-Dichloroethane	20.000	19.699	1.5	104	0.00
37 M	Trichloroethene	20.000	19.936	0.3	109	0.00
38	Methylcyclohexane	20.000	20.122	-0.6	115	0.00
39 M	1,2-Dichloropropane	20.000	19.651	1.7	104	0.00
40	Dibromomethane	20.000	19.331	3.3	104	0.00
41 M	Bromodichloromethane	20.000	19.214	3.9	104	0.00
42 M	Vinyl Acetate	100.000	96.807	3.2	107	0.00
43	Ethyl Acetate	20.000	17.460	12.7	92	0.00
44	Isopropyl Acetate	20.000	19.076	4.6	104	0.00
45 T	1,4-Dioxane	400.000	357.755	10.6	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.423	7.9	105	0.00
47	n-amyl Acetate	20.000	17.631	11.8	104	0.00
48 M	t-1,3-Dichloropropene	20.000	18.752	6.2	107	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.415	2.9	108	0.00
50 M	1,1,2-Trichloroethane	20.000	19.183	4.1	101	0.00
51	Ethyl methacrylate	20.000	18.206	9.0	107	0.00
52	1,3-Dichloropropane	20.000	19.124	4.4	103	0.00
53 M	Dibromochloromethane	20.000	18.539	7.3	102	0.00
54 M	1,2-Dibromoethane	20.000	18.591	7.0	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.509	10.5	103	0.00
56 M	Bromoform	20.000	18.007	10.0	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.199	5.8	102	0.00
59 M	2-Hexanone	100.000	91.328	8.7	102	0.00
60 S	4-Bromofluorobenzene	30.000	29.278	2.4	103	0.00
61 M	Tetrachloroethene	20.000	20.502	-2.5	106	0.00
62 M	Toluene	20.000	20.096	-0.5	103	0.00
63 S	Toluene-d8	30.000	30.785	-2.6	105	0.00
64 M	Chlorobenzene	20.000	19.868	0.7	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.240	-1.2	105	0.00
66 M	Ethyl Benzene	20.000	19.517	2.4	105	0.00
67 M	m/p-Xylenes	40.000	39.716	0.7	103	0.00
68 M	o-Xylene	20.000	19.823	0.9	104	0.00
69 M	Styrene	20.000	19.481	2.6	102	0.00
70	Isopropylbenzene	20.000	20.135	-0.7	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.120	4.4	98	0.00
72	1,2,3-Trichloropropane	20.000	19.260	3.7	100	0.00
73	Bromobenzene	20.000	19.311	3.4	102	0.00
74	n-propylbenzene	20.000	19.877	0.6	104	0.00
75	2-Chlorotoluene	20.000	19.823	0.9	103	0.00
76	1,3,5-Trimethylbenzene	20.000	20.032	-0.2	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.388	13.1	100	0.00
78	4-Chlorotoluene	20.000	19.592	2.0	102	0.00
79	tert-butylbenzene	20.000	19.889	0.6	103	0.00
80	1,2,4-Trimethylbenzene	20.000	20.056	-0.3	102	0.00
81	sec-Butylbenzene	20.000	20.011	-0.1	105	0.00
82	p-Isopropyltoluene	20.000	19.844	0.8	104	0.00
83 M	1,3-Dichlorobenzene	20.000	19.518	2.4	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.646	1.8	104	0.00
85	n-Butylbenzene	20.000	19.463	2.7	109	0.00
86 T	Hexachloroethane	20.000	19.528	2.4	105	0.00
87 M	1,2-Dichlorobenzene	20.000	19.649	1.8	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.076	4.6	98	0.00
89	1,2,4-Trichlorobenzene	20.000	19.873	0.6	123	0.00
90	Hexachlorobutadiene	20.000	22.669	-13.3	120	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	22.226	-11.1	134	0.00
92	1,2,3-Trichlorobenzene	20.000	21.155	-5.8	123	0.00

(#) = Out of Range

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