

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072518\
 Data File : VN050041.D
 Acq On : 25 Jul 2018 10:49
 Operator : MD\SY
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072518

Quant Time: Jul 26 15:25:48 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	22.530	-12.7	98	0.00
3 M	Chloromethane	20.000	21.312	-6.6	100	0.00
4 M	Vinyl Chloride	20.000	21.168	-5.8	98	0.00
5 M	Bromomethane	20.000	22.766	-13.8	108	0.00
6 M	Chloroethane	20.000	20.233	-1.2	95	0.00
7 M	Trichlorofluoromethane	20.000	20.888	-4.4	96	0.00
8 T	Diethyl Ether	20.000	20.992	-5.0	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.968	-4.8	96	0.00
10 M	1,1-Dichloroethene	20.000	21.467	-7.3	101	0.00
11	Methyl Iodide	20.000	17.715	11.4	86	0.00
12	Methyl Acetate	20.000	21.605	-8.0	102	0.00
13 M	Acrolein	100.000	93.330	6.7	103	0.00
14 M	Acrylonitrile	100.000	104.427	-4.4	103	0.00
15 M	Acetone	100.000	108.033	-8.0	101	0.00
16 M	Carbon Disulfide	20.000	21.661	-8.3	103	0.00
17	Allyl chloride	20.000	21.272	-6.4	104	0.00
18 M	Methylene Chloride	20.000	20.678	-3.4	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.343	-6.7	101	0.00
20 T	Diisopropyl ether	20.000	21.179	-5.9	100	0.00
21 M	1,1-Dichloroethane	20.000	20.725	-3.6	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.805	-4.0	100	0.00
23 M	tert-Butyl Alcohol	100.000	106.156	-6.2	106	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.970	-4.8	102	0.00
25 M	Chloroform	20.000	20.566	-2.8	97	0.00
26	Cyclohexane	20.000	21.122	-5.6	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.891	0.4	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	20.284	-1.4	99	0.00
30 M	2-Butanone	100.000	98.529	1.5	102	0.00
31	2,2-Dichloropropane	20.000	19.999	0.0	99	0.00
32 M	1,1,1-Trichloroethane	20.000	19.562	2.2	97	0.00
33 M	Carbon Tetrachloride	20.000	19.177	4.1	96	0.00
34 M	Benzene	20.000	19.661	1.7	98	0.00
35	Methacrylonitrile	20.000	19.106	4.5	103	0.00
36 M	1,2-Dichloroethane	20.000	19.510	2.4	97	0.00
37 M	Trichloroethene	20.000	20.163	-0.8	101	0.00
38	Methylcyclohexane	20.000	20.257	-1.3	104	0.00
39 M	1,2-Dichloropropane	20.000	19.483	2.6	97	0.00
40	Dibromomethane	20.000	19.632	1.8	99	0.00
41 M	Bromodichloromethane	20.000	19.335	3.3	97	0.00
42 M	Vinyl Acetate	100.000	99.413	0.6	103	0.00
43	Ethyl Acetate	20.000	19.843	0.8	100	0.00
44	Isopropyl Acetate	20.000	20.672	-3.4	105	0.00
45 T	1,4-Dioxane	400.000	415.972	-4.0	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.325	3.4	100	0.00
47	n-amyl Acetate	20.000	18.668	6.7	104	0.00
48 M	t-1,3-Dichloropropene	20.000	19.812	0.9	101	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.818	0.9	101	0.00
50 M	1,1,2-Trichloroethane	20.000	19.319	3.4	98	0.00
51	Ethyl methacrylate	20.000	18.856	5.7	104	0.00
52	1,3-Dichloropropane	20.000	19.486	2.6	98	0.00
53 M	Dibromochloromethane	20.000	18.922	5.4	97	0.00
54 M	1,2-Dibromoethane	20.000	19.598	2.0	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.454	4.5	100	0.00
56 M	Bromoform	20.000	18.491	7.5	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.335	-1.3	101	0.00
59 M	2-Hexanone	100.000	100.946	-0.9	102	0.00
60 S	4-Bromofluorobenzene	30.000	29.790	0.7	102	0.00
61 M	Tetrachloroethene	20.000	19.926	0.4	94	0.00
62 M	Toluene	20.000	19.868	0.7	97	0.00
63 S	Toluene-d8	30.000	30.019	-0.1	99	0.00
64 M	Chlorobenzene	20.000	20.280	-1.4	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.445	2.8	95	0.00
66 M	Ethyl Benzene	20.000	20.065	-0.3	101	0.00
67 M	m/p-Xylenes	40.000	40.975	-2.4	100	0.00
68 M	o-Xylene	20.000	20.218	-1.1	102	0.00
69 M	Styrene	20.000	20.074	-0.4	99	0.00
70	Isopropylbenzene	20.000	20.481	-2.4	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.549	2.3	99	0.00
72	1,2,3-Trichloropropane	20.000	18.622	6.9	93	0.00
73	Bromobenzene	20.000	19.981	0.1	100	0.00
74	n-propylbenzene	20.000	20.487	-2.4	100	0.00
75	2-Chlorotoluene	20.000	20.313	-1.6	100	0.00
76	1,3,5-Trimethylbenzene	20.000	20.623	-3.1	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.671	6.6	101	0.00
78	4-Chlorotoluene	20.000	20.371	-1.9	100	0.00
79	tert-butylbenzene	20.000	20.477	-2.4	102	0.00
80	1,2,4-Trimethylbenzene	20.000	20.777	-3.9	100	0.00
81	sec-Butylbenzene	20.000	20.782	-3.9	101	0.00
82	p-Isopropyltoluene	20.000	20.864	-4.3	102	0.00
83 M	1,3-Dichlorobenzene	20.000	20.188	-0.9	101	0.00
84 M	1,4-Dichlorobenzene	20.000	20.206	-1.0	101	0.00
85	n-Butylbenzene	20.000	20.079	-0.4	102	0.00
86 T	Hexachloroethane	20.000	19.432	2.8	96	0.00
87 M	1,2-Dichlorobenzene	20.000	20.219	-1.1	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.799	-4.0	106	0.00
89	1,2,4-Trichlorobenzene	20.000	21.078	-5.4	113	0.00
90	Hexachlorobutadiene	20.000	22.750	-13.8	107	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	22.271	-11.4	125	0.00
92	1,2,3-Trichlorobenzene	20.000	21.704	-8.5	112	0.00

(#) = Out of Range

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