

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092818\
 Data File : VN051616.D
 Acq On : 28 Sep 2018 14:57
 Operator : MD\SY
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092818

Quant Time: Sep 29 02:25:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	21.837	-9.2	96	0.00
3 M	Chloromethane	20.000	20.553	-2.8	93	0.00
4 M	Vinyl Chloride	20.000	22.565	-12.8	105	0.00
5 M	Bromomethane	20.000	18.084	9.6	83	0.00
6 M	Chloroethane	20.000	21.351	-6.8	91	0.00
7 M	Trichlorofluoromethane	20.000	20.669	-3.3	96	0.00
8 T	Diethyl Ether	20.000	19.557	2.2	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.358	-6.8	98	0.00
10 M	1,1-Dichloroethene	20.000	20.142	-0.7	93	0.00
11	Methyl Iodide	20.000	20.122	-0.6	97	0.00
12	Methyl Acetate	20.000	19.318	3.4	89	0.00
13 M	Acrolein	100.000	84.844	15.2	85	0.00
14 M	Acrylonitrile	100.000	96.121	3.9	90	0.00
15 M	Acetone	100.000	101.234	-1.2	93	0.00
16 M	Carbon Disulfide	20.000	19.479	2.6	91	0.00
17	Allyl chloride	20.000	19.446	2.8	92	0.00
18 M	Methylene Chloride	20.000	20.199	-1.0	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.865	0.7	92	0.00
20 T	Diisopropyl ether	20.000	20.626	-3.1	92	0.00
21 M	1,1-Dichloroethane	20.000	20.239	-1.2	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.579	2.1	90	0.00
23 M	tert-Butyl Alcohol	100.000	95.479	4.5	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.716	1.4	93	0.00
25 M	Chloroform	20.000	20.233	-1.2	92	0.00
26	Cyclohexane	20.000	20.108	-0.5	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.174	-0.6	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	20.042	-0.2	94	0.00
30 M	2-Butanone	100.000	97.112	2.9	94	0.00
31	2,2-Dichloropropane	20.000	20.385	-1.9	95	0.00
32 M	1,1,1-Trichloroethane	20.000	20.162	-0.8	95	0.00
33 M	Carbon Tetrachloride	20.000	20.166	-0.8	95	0.00
34 M	Benzene	20.000	20.346	-1.7	96	0.00
35	Methacrylonitrile	20.000	16.835	15.8	77	0.00
36 M	1,2-Dichloroethane	20.000	19.684	1.6	93	0.00
37 M	Trichloroethene	20.000	20.150	-0.7	97	0.00
38	Methylcyclohexane	20.000	19.575	2.1	95	0.00
39 M	1,2-Dichloropropane	20.000	20.382	-1.9	95	0.00
40	Dibromomethane	20.000	20.143	-0.7	95	0.00
41 M	Bromodichloromethane	20.000	19.978	0.1	94	0.00
42 M	Vinyl Acetate	100.000	96.583	3.4	92	0.00
43	Ethyl Acetate	20.000	20.353	-1.8	94	0.00
44	Isopropyl Acetate	20.000	19.000	5.0	94	0.00
45 T	1,4-Dioxane	400.000	410.240	-2.6	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.174	4.1	92	0.00
47	n-amyl Acetate	20.000	18.145	9.3	93	0.00
48 M	t-1,3-Dichloropropene	20.000	18.834	5.8	92	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.571	2.1	94	0.00
50 M	1,1,2-Trichloroethane	20.000	19.918	0.4	94	0.00
51	Ethyl methacrylate	20.000	18.590	7.1	91	0.00
52	1,3-Dichloropropane	20.000	19.755	1.2	93	0.00
53 M	Dibromochloromethane	20.000	19.598	2.0	94	0.00
54 M	1,2-Dibromoethane	20.000	19.625	1.9	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.569	5.4	91	0.00
56 M	Bromoform	20.000	18.769	6.2	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.367	-1.4	95	0.00
59 M	2-Hexanone	100.000	99.285	0.7	94	0.00
60 S	4-Bromofluorobenzene	30.000	30.031	-0.1	98	0.00
61 M	Tetrachloroethene	20.000	20.814	-4.1	95	0.00
62 M	Toluene	20.000	20.168	-0.8	94	0.00
63 S	Toluene-d8	30.000	30.728	-2.4	98	0.00
64 M	Chlorobenzene	20.000	19.860	0.7	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.207	-1.0	95	0.00
66 M	Ethyl Benzene	20.000	19.686	1.6	93	0.00
67 M	m/p-Xylenes	40.000	40.752	-1.9	95	0.00
68 M	o-Xylene	20.000	20.060	-0.3	96	0.00
69 M	Styrene	20.000	19.750	1.3	93	0.00
70	Isopropylbenzene	20.000	20.387	-1.9	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.750	1.3	93	0.00
72	1,2,3-Trichloropropane	20.000	20.819	-4.1	92	0.00
73	Bromobenzene	20.000	19.975	0.1	96	0.00
74	n-propylbenzene	20.000	20.101	-0.5	96	0.00
75	2-Chlorotoluene	20.000	20.379	-1.9	95	0.00
76	1,3,5-Trimethylbenzene	20.000	20.434	-2.2	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.762	6.2	94	0.00
78	4-Chlorotoluene	20.000	20.197	-1.0	96	0.00
79	tert-butylbenzene	20.000	20.127	-0.6	96	0.00
80	1,2,4-Trimethylbenzene	20.000	20.628	-3.1	95	0.00
81	sec-Butylbenzene	20.000	20.489	-2.4	97	0.00
82	p-Isopropyltoluene	20.000	20.403	-2.0	96	0.00
83 M	1,3-Dichlorobenzene	20.000	20.043	-0.2	97	0.00
84 M	1,4-Dichlorobenzene	20.000	19.620	1.9	94	0.00
85	n-Butylbenzene	20.000	19.427	2.9	96	0.00
86 T	Hexachloroethane	20.000	19.861	0.7	94	0.00
87 M	1,2-Dichlorobenzene	20.000	19.846	0.8	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.210	3.9	92	0.00
89	1,2,4-Trichlorobenzene	20.000	16.981	15.1	90	0.00
90	Hexachlorobutadiene	20.000	21.447	-7.2	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.821	10.9	88	0.00
92	1,2,3-Trichlorobenzene	20.000	17.892	10.5	93	0.00

(#) = Out of Range

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