

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041119\
 Data File : VN054981.D
 Acq On : 11 Apr 2019 16:39
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041119

Quant Time: Apr 12 08:17:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 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	115	0.00
2 M	Dichlorodifluoromethane	20.000	19.407	3.0	108	0.00
3 M	Chloromethane	20.000	20.217	-1.1	117	0.00
4 M	Vinyl Chloride	20.000	19.486	2.6	112	0.00
5 M	Bromomethane	20.000	22.040	-10.2	129	0.00
6 M	Chloroethane	20.000	19.413	2.9	113	0.00
7 M	Trichlorofluoromethane	20.000	19.601	2.0	111	0.00
8 T	Diethyl Ether	20.000	20.031	-0.2	116	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.415	2.9	109	0.00
10 M	1,1-Dichloroethene	20.000	19.045	4.8	109	0.00
11	Methyl Iodide	20.000	17.015	14.9	101	0.00
12	Methyl Acetate	20.000	21.118	-5.6	126	0.00
13 M	Acrolein	100.000	100.908	-0.9	121	0.00
14 M	Acrylonitrile	100.000	99.793	0.2	120	0.00
15 M	Acetone	100.000	92.509	7.5	93	0.00
16 M	Carbon Disulfide	20.000	19.808	1.0	122	0.00
17	Allyl chloride	20.000	19.900	0.5	117	0.00
18 M	Methylene Chloride	20.000	18.981	5.1	112	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.994	0.0	117	0.00
20 T	Diisopropyl ether	20.000	19.681	1.6	116	0.00
21 M	1,1-Dichloroethane	20.000	19.574	2.1	114	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.418	2.9	115	0.00
23 M	tert-Butyl Alcohol	100.000	108.014	-8.0	136	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.172	-0.9	121	0.00
25 M	Chloroform	20.000	19.692	1.5	114	0.00
26	Cyclohexane	20.000	19.260	3.7	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.311	2.3	109	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	110	0.00
29	1,1-Dichloropropene	20.000	20.168	-0.8	114	0.00
30 M	2-Butanone	100.000	100.186	-0.2	110	0.00
31	2,2-Dichloropropane	20.000	20.400	-2.0	118	0.00
32 M	1,1,1-Trichloroethane	20.000	20.178	-0.9	116	0.00
33 M	Carbon Tetrachloride	20.000	19.569	2.2	115	0.00
34 M	Benzene	20.000	19.982	0.1	114	0.00
35	Methacrylonitrile	20.000	23.503	-17.5	132	0.00
36 M	1,2-Dichloroethane	20.000	19.705	1.5	111	0.00
37 M	Trichloroethene	20.000	19.919	0.4	112	0.00
38	Methylcyclohexane	20.000	19.654	1.7	112	0.00
39 M	1,2-Dichloropropane	20.000	19.824	0.9	113	0.00
40	Dibromomethane	20.000	20.134	-0.7	113	0.00
41 M	Bromodichloromethane	20.000	19.365	3.2	113	0.00
42 M	Vinyl Acetate	100.000	101.501	-1.5	122	0.00
43	Ethyl Acetate	20.000	19.167	4.2	112	0.00
44	Isopropyl Acetate	20.000	20.183	-0.9	124	0.00
45 T	1,4-Dioxane	400.000	421.564	-5.4	117	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.983	0.1	125	0.00
47	n-amyl Acetate	20.000	21.276	-6.4	134	0.00
48 M	t-1,3-Dichloropropene	20.000	19.270	3.7	124	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.582	2.1	118	0.00
50 M	1,1,2-Trichloroethane	20.000	19.722	1.4	113	0.00
51	Ethyl methacrylate	20.000	19.992	0.0	127	0.00
52	1,3-Dichloropropane	20.000	20.235	-1.2	116	0.00
53 M	Dibromochloromethane	20.000	19.239	3.8	117	0.00
54 M	1,2-Dibromoethane	20.000	20.186	-0.9	123	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.352	9.6	107	0.00
56 M	Bromoform	20.000	18.934	5.3	122	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.995	-3.0	121	0.00
59 M	2-Hexanone	100.000	105.219	-5.2	118	0.00
60 S	4-Bromofluorobenzene	30.000	29.309	2.3	111	0.00
61 M	Tetrachloroethene	20.000	19.602	2.0	106	0.00
62 M	Toluene	20.000	19.947	0.3	112	0.00
63 S	Toluene-d8	30.000	30.784	-2.6	112	0.00
64 M	Chlorobenzene	20.000	20.114	-0.6	113	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.595	2.0	114	0.00
66 M	Ethyl Benzene	20.000	19.900	0.5	113	0.00
67 M	m/p-Xylenes	40.000	39.267	1.8	109	0.00
68 M	o-Xylene	20.000	19.874	0.6	112	0.00
69 M	Styrene	20.000	19.310	3.5	111	0.00
70	Isopropylbenzene	20.000	19.855	0.7	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.546	-2.7	116	0.00
72	1,2,3-Trichloropropane	20.000	22.040	-10.2	122	0.00
73	Bromobenzene	20.000	19.931	0.3	113	0.00
74	n-propylbenzene	20.000	19.638	1.8	109	0.00
75	2-Chlorotoluene	20.000	19.738	1.3	109	0.00
76	1,3,5-Trimethylbenzene	20.000	19.582	2.1	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.918	5.4	128	0.00
78	4-Chlorotoluene	20.000	19.578	2.1	111	0.00
79	tert-butylbenzene	20.000	19.830	0.9	110	0.00
80	1,2,4-Trimethylbenzene	20.000	19.893	0.5	112	0.00
81	sec-Butylbenzene	20.000	20.194	-1.0	111	0.00
82	p-Isopropyltoluene	20.000	19.811	0.9	109	0.00
83 M	1,3-Dichlorobenzene	20.000	19.893	0.5	114	0.00
84 M	1,4-Dichlorobenzene	20.000	19.600	2.0	114	0.00
85	n-Butylbenzene	20.000	19.448	2.8	115	0.00
86 T	Hexachloroethane	20.000	18.459	7.7	108	0.00
87 M	1,2-Dichlorobenzene	20.000	20.000	0.0	113	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.519	-2.6	121	0.00
89	1,2,4-Trichlorobenzene	20.000	20.739	-3.7	140	0.00
90	Hexachlorobutadiene	20.000	22.802	-14.0	121	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	22.605	-13.0	166	0.00
92	1,2,3-Trichlorobenzene	20.000	21.499	-7.5	138	0.00

(#) = Out of Range

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