

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN061020\
 Data File : VN061734.D
 Acq On : 10 Jun 2020 13:38
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061020

Quant Time: Jun 11 03:07:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 10 12:28:45 2020
 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	107	0.00
2 M	Dichlorodifluoromethane	20.000	19.631	1.8	110	0.00
3 M	Chloromethane	20.000	20.598	-3.0	112	0.00
4 M	Vinyl Chloride	20.000	19.319	3.4	107	0.00
5 M	Bromomethane	20.000	19.420	2.9	105	0.00
6 M	Chloroethane	20.000	18.748	6.3	106	0.00
7 M	Trichlorofluoromethane	20.000	19.052	4.7	99	0.00
8 T	Diethyl Ether	20.000	19.119	4.4	113	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.353	3.2	114	0.00
10 M	1,1-Dichloroethene	20.000	19.065	4.7	112	0.00
11	Methyl Iodide	20.000	19.869	0.7	116	0.00
12	Methyl Acetate	20.000	18.664	6.7	114	0.00
13 M	Acrolein	100.000	99.074	0.9	126	0.00
14 M	Acrylonitrile	100.000	89.600	10.4	110	0.00
15 M	Acetone	100.000	102.604	-2.6	118	0.00
16 M	Carbon Disulfide	20.000	21.888	-9.4	108	0.00
17	Allyl chloride	20.000	18.643	6.8	105	0.00
18 M	Methylene Chloride	20.000	18.341	8.3	109	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.219	3.9	114	0.00
20 T	Diisopropyl ether	20.000	18.705	6.5	112	0.00
21 M	1,1-Dichloroethane	20.000	18.171	9.1	107	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.374	8.1	112	0.00
23 M	tert-Butyl Alcohol	100.000	97.096	2.9	121	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.241	8.8	112	0.00
25 M	Chloroform	20.000	18.366	8.2	111	0.00
26	Cyclohexane	20.000	19.615	1.9	116	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.140	2.9	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	110	0.00
29	1,1-Dichloropropene	20.000	18.928	5.4	112	0.00
30 M	2-Butanone	100.000	93.287	6.7	111	0.00
31	2,2-Dichloropropane	20.000	18.416	7.9	109	0.00
32 M	1,1,1-Trichloroethane	20.000	18.451	7.7	110	0.00
33 M	Carbon Tetrachloride	20.000	18.212	8.9	112	0.00
34 M	Benzene	20.000	18.617	6.9	110	0.00
35	Methacrylonitrile	20.000	16.744	16.3	87	-0.02
36 M	1,2-Dichloroethane	20.000	17.706	11.5	108	0.00
37 M	Trichloroethene	20.000	18.210	8.9	109	0.00
38	Methylcyclohexane	20.000	19.477	2.6	115	0.00
39 M	1,2-Dichloropropane	20.000	18.274	8.6	111	0.00
40	Dibromomethane	20.000	18.270	8.7	110	0.00
41 M	Bromodichloromethane	20.000	18.151	9.2	110	0.00
42 M	Vinyl Acetate	100.000	93.865	6.1	111	0.00
43	Ethyl Acetate	20.000	17.343	13.3	115	0.00
44	Isopropyl Acetate	20.000	17.794	11.0	109	0.00
45 T	1,4-Dioxane	400.000	397.655	0.6	125	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.436	12.8	113	0.00
47	n-amyl Acetate	20.000	17.216	13.9	115	0.00
48 M	t-1,3-Dichloropropene	20.000	18.040	9.8	114	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.093	9.5	111	0.00
50 M	1,1,2-Trichloroethane	20.000	18.005	10.0	111	0.00
51	Ethyl methacrylate	20.000	17.962	10.2	115	0.00
52	1,3-Dichloropropane	20.000	18.232	8.8	112	0.00
53 M	Dibromochloromethane	20.000	17.564	12.2	109	0.00
54 M	1,2-Dibromoethane	20.000	18.172	9.1	111	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.816	9.2	126	0.00
56 M	Bromoform	20.000	17.252	13.7	112	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.331	6.7	111	0.00
59 M	2-Hexanone	100.000	94.546	5.5	114	0.00
60 S	4-Bromofluorobenzene	30.000	29.846	0.5	108	0.00
61 M	Tetrachloroethene	20.000	18.403	8.0	105	0.00
62 M	Toluene	20.000	19.040	4.8	109	0.00
63 S	Toluene-d8	30.000	30.109	-0.4	106	0.00
64 M	Chlorobenzene	20.000	18.744	6.3	110	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.790	6.1	111	0.00
66 M	Ethyl Benzene	20.000	18.941	5.3	112	0.00
67 M	m/p-Xylenes	40.000	37.513	6.2	110	0.00
68 M	o-Xylene	20.000	18.909	5.5	110	0.00
69 M	Styrene	20.000	18.211	8.9	111	0.00
70	Isopropylbenzene	20.000	19.024	4.9	112	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.303	8.5	108	0.00
72	1,2,3-Trichloropropane	20.000	17.848	10.8	106	0.00
73	Bromobenzene	20.000	18.936	5.3	114	0.00
74	n-propylbenzene	20.000	18.882	5.6	111	0.00
75	2-Chlorotoluene	20.000	18.886	5.6	113	0.00
76	1,3,5-Trimethylbenzene	20.000	18.929	5.4	112	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.293	8.5	111	0.00
78	4-Chlorotoluene	20.000	18.543	7.3	111	0.00
79	tert-butylbenzene	20.000	18.743	6.3	113	0.00
80	1,2,4-Trimethylbenzene	20.000	18.665	6.7	110	0.00
81	sec-Butylbenzene	20.000	18.899	5.5	112	0.00
82	p-Isopropyltoluene	20.000	18.589	7.1	111	0.00
83 M	1,3-Dichlorobenzene	20.000	18.110	9.5	109	0.00
84 M	1,4-Dichlorobenzene	20.000	18.170	9.1	110	0.00
85	n-Butylbenzene	20.000	18.445	7.8	113	0.00
86 T	Hexachloroethane	20.000	18.950	5.3	125	0.00
87 M	1,2-Dichlorobenzene	20.000	18.465	7.7	109	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.308	13.5	105	0.00
89	1,2,4-Trichlorobenzene	20.000	18.162	9.2	114	0.00
90	Hexachlorobutadiene	20.000	18.956	5.2	113	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	17.764	11.2	113	0.00
92	1,2,3-Trichlorobenzene	20.000	18.054	9.7	111	0.00

(#) = Out of Range

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