

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122120\
 Data File : VN065178.D
 Acq On : 21 Dec 2020 13:53
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN122120

Quant Time: Dec 22 05:34:59 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120w.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 13:17:58 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	20.222	-1.1	119	0.00
3 M	Chloromethane	20.000	19.587	2.1	105	0.00
4 M	Vinyl Chloride	20.000	19.229	3.9	102	0.00
5 M	Bromomethane	20.000	20.633	-3.2	113	0.00
6 M	Chloroethane	20.000	19.627	1.9	106	0.00
7 M	Trichlorofluoromethane	20.000	19.740	1.3	104	0.00
8 T	Diethyl Ether	20.000	19.475	2.6	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.981	0.1	102	0.00
10 M	1,1-Dichloroethene	20.000	19.804	1.0	104	0.00
11	Methyl Iodide	20.000	18.270	8.7	100	0.00
12	Methyl Acetate	20.000	19.615	1.9	106	0.00
13 M	Acrolein	100.000	89.051	10.9	106	0.00
14 M	Acrylonitrile	100.000	97.090	2.9	104	0.00
15 M	Acetone	100.000	90.202	9.8	82	0.00
16 M	Carbon Disulfide	20.000	19.725	1.4	106	0.00
17	Allyl chloride	20.000	19.493	2.5	103	0.00
18 M	Methylene Chloride	20.000	19.498	2.5	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.756	1.2	105	0.00
20 T	Diisopropyl ether	20.000	19.469	2.7	103	0.00
21 M	1,1-Dichloroethane	20.000	19.505	2.5	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.591	2.0	104	0.00
23 M	tert-Butyl Alcohol	100.000	98.350	1.7	105	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.436	2.8	103	0.00
25 M	Chloroform	20.000	19.306	3.5	102	0.00
26	Cyclohexane	20.000	19.474	2.6	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.340	-1.1	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	19.141	4.3	104	0.00
30 M	2-Butanone	100.000	92.159	7.8	95	0.00
31	2,2-Dichloropropane	20.000	19.017	4.9	101	0.00
32 M	1,1,1-Trichloroethane	20.000	19.005	5.0	103	0.00
33 M	Carbon Tetrachloride	20.000	19.148	4.3	104	0.00
34 M	Benzene	20.000	18.816	5.9	102	0.00
35	Methacrylonitrile	20.000	18.736	6.3	96	0.00
36 M	1,2-Dichloroethane	20.000	18.778	6.1	102	0.00
37 M	Trichloroethene	20.000	19.165	4.2	104	0.00
38	Methylcyclohexane	20.000	19.415	2.9	104	0.00
39 M	1,2-Dichloropropane	20.000	18.810	6.0	101	0.00
40	Dibromomethane	20.000	18.491	7.5	100	0.00
41 M	Bromodichloromethane	20.000	18.874	5.6	103	0.00
42 M	Vinyl Acetate	100.000	95.462	4.5	102	0.00
43	Ethyl Acetate	20.000	19.567	2.2	104	0.00
44	Isopropyl Acetate	20.000	18.817	5.9	102	0.00
45 T	1,4-Dioxane	400.000	383.917	4.0	107	0.00
46	Methyl methacrylate	20.000	18.377	8.1	100	0.00
47	n-aryl Acetate	20.000	18.228	8.9	102	0.00
48 M	t-1,3-Dichloropropene	20.000	18.868	5.7	104	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.862	5.7	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50 M	1,1,2-Trichloroethane	20.000	18.769	6.2	101	0.00
51	Ethyl methacrylate	20.000	19.235	3.8	107	0.00
52	1,3-Dichloropropane	20.000	18.859	5.7	103	0.00
53 M	Dibromochloromethane	20.000	18.805	6.0	104	0.00
54 M	1,2-Dibromoethane	20.000	18.559	7.2	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	80.736	19.3	102	0.00
56 M	Bromoform	20.000	18.588	7.1	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.746	3.3	102	0.00
59 M	2-Hexanone	100.000	94.986	5.0	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.810	0.6	97	0.00
61 M	Tetrachloroethene	20.000	19.754	1.2	101	0.00
62 M	Toluene	20.000	19.419	2.9	103	0.00
63 S	Toluene-d8	30.000	29.946	0.2	95	0.00
64 M	Chlorobenzene	20.000	19.262	3.7	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.465	2.7	104	0.00
66 M	Ethyl Benzene	20.000	19.198	4.0	103	0.00
67 M	m/p-Xylenes	40.000	38.642	3.4	103	0.00
68 M	o-Xylene	20.000	19.664	1.7	106	0.00
69 M	Styrene	20.000	19.106	4.5	104	0.00
70	Isopropylbenzene	20.000	19.355	3.2	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.090	4.6	104	0.00
72	1,2,3-Trichloropropane	20.000	19.046	4.8	96	0.00
73	Bromobenzene	20.000	19.016	4.9	103	0.00
74	n-propylbenzene	20.000	19.168	4.2	104	0.00
75	2-Chlorotoluene	20.000	19.198	4.0	105	0.00
76	1,3,5-Trimethylbenzene	20.000	19.401	3.0	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.703	6.5	103	0.00
78	4-Chlorotoluene	20.000	18.989	5.1	106	0.00
79	tert-butylbenzene	20.000	19.177	4.1	102	0.00
80	1,2,4-Trimethylbenzene	20.000	19.411	2.9	105	0.00
81	sec-Butylbenzene	20.000	19.271	3.6	105	0.00
82	p-Isopropyltoluene	20.000	19.267	3.7	105	0.00
83 M	1,3-Dichlorobenzene	20.000	19.228	3.9	107	0.00
84 M	1,4-Dichlorobenzene	20.000	18.376	8.1	103	0.00
85	n-Butylbenzene	20.000	18.981	5.1	103	0.00
86 T	Hexachloroethane	20.000	18.956	5.2	105	0.00
87 M	1,2-Dichlorobenzene	20.000	19.397	3.0	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.808	6.0	105	0.00
89	1,2,4-Trichlorobenzene	20.000	17.819	10.9	104	0.00
90	Hexachlorobutadiene	20.000	19.427	2.9	103	0.00
91 M	Naphthalene	20.000	17.859	10.7	106	0.00
92	1,2,3-Trichlorobenzene	20.000	18.010	9.9	105	0.00

(#) = Out of Range

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