

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011321\
 Data File : VN065499.D
 Acq On : 13 Jan 2021 20:23
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011321

Quant Time: Jan 14 04:13:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 04:12:08 2021
 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	18.037	9.8	103	0.00
3 M	Chloromethane	20.000	18.138	9.3	103	0.00
4 M	Vinyl Chloride	20.000	17.774	11.1	103	0.00
5 M	Bromomethane	20.000	19.561	2.2	109	0.00
6 M	Chloroethane	20.000	18.123	9.4	104	0.00
7 M	Trichlorofluoromethane	20.000	18.331	8.3	104	0.00
8 T	Diethyl Ether	20.000	18.435	7.8	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.430	7.9	103	0.00
10 M	1,1-Dichloroethene	20.000	18.159	9.2	103	0.00
11	Methyl Iodide	20.000	16.525	17.4	95	0.00
12	Methyl Acetate	20.000	18.527	7.4	102	0.00
13 M	Acrolein	100.000	91.077	8.9	105	0.00
14 M	Acrylonitrile	100.000	91.305	8.7	102	0.00
15 M	Acetone	100.000	90.308	9.7	98	0.00
16 M	Carbon Disulfide	20.000	17.921	10.4	106	0.00
17	Allyl chloride	20.000	17.845	10.8	104	0.00
18 M	Methylene Chloride	20.000	18.389	8.1	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.296	8.5	104	0.00
20 T	Diisopropyl ether	20.000	18.459	7.7	104	0.00
21 M	1,1-Dichloroethane	20.000	18.534	7.3	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.218	8.9	106	0.00
23 M	tert-Butyl Alcohol	100.000	93.848	6.2	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.381	8.1	106	0.00
25 M	Chloroform	20.000	18.088	9.6	103	0.00
26	Cyclohexane	20.000	17.923	10.4	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.673	-2.2	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	17.984	10.1	107	0.00
30 M	2-Butanone	100.000	87.782	12.2	98	0.00
31	2,2-Dichloropropane	20.000	17.059	14.7	100	0.00
32 M	1,1,1-Trichloroethane	20.000	17.705	11.5	103	0.00
33 M	Carbon Tetrachloride	20.000	17.431	12.8	103	0.00
34 M	Benzene	20.000	17.759	11.2	103	0.00
35	Methacrylonitrile	20.000	17.529	12.4	96	0.00
36 M	1,2-Dichloroethane	20.000	18.033	9.8	101	0.00
37 M	Trichloroethene	20.000	17.991	10.0	106	0.00
38	Methylcyclohexane	20.000	17.436	12.8	106	0.00
39 M	1,2-Dichloropropane	20.000	17.699	11.5	102	0.00
40	Dibromomethane	20.000	18.082	9.6	104	0.00
41 M	Bromodichloromethane	20.000	17.483	12.6	103	0.00
42 M	Vinyl Acetate	100.000	89.750	10.3	103	0.00
43	Ethyl Acetate	20.000	18.566	7.2	109	0.00
44	Isopropyl Acetate	20.000	17.774	11.1	102	0.00
45 T	1,4-Dioxane	400.000	347.007	13.2	100	0.00
46	Methyl methacrylate	20.000	18.007	10.0	106	0.00
47	n-amyl Acetate	20.000	16.544	17.3	102	0.00
48 M	t-1,3-Dichloropropene	20.000	17.132	14.3	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.497	12.5	104	0.00
50 M	1,1,2-Trichloroethane	20.000	18.004	10.0	104	0.00
51	Ethyl methacrylate	20.000	17.408	13.0	104	0.00
52	1,3-Dichloropropane	20.000	17.830	10.9	104	0.00
53 M	Dibromochloromethane	20.000	17.121	14.4	104	0.00
54 M	1,2-Dibromoethane	20.000	17.709	11.5	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.839	9.2	108	0.00
56 M	Bromoform	20.000	16.680	16.6	105	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.751	9.2	101	0.00
59 M	2-Hexanone	100.000	89.265	10.7	101	0.00
60 S	4-Bromofluorobenzene	30.000	29.571	1.4	106	0.00
61 M	Tetrachloroethene	20.000	18.296	8.5	103	0.00
62 M	Toluene	20.000	18.211	8.9	105	0.00
63 S	Toluene-d8	30.000	30.161	-0.5	104	0.00
64 M	Chlorobenzene	20.000	17.918	10.4	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.655	11.7	102	0.00
66 M	Ethyl Benzene	20.000	17.804	11.0	105	0.00
67 M	m/p-Xylenes	40.000	35.748	10.6	105	0.00
68 M	o-Xylene	20.000	17.883	10.6	105	0.00
69 M	Styrene	20.000	17.402	13.0	104	0.00
70	Isopropylbenzene	20.000	17.753	11.2	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.667	11.7	103	0.00
72	1,2,3-Trichloropropane	20.000	17.587	12.1	103	0.00
73	Bromobenzene	20.000	17.579	12.1	104	0.00
74	n-propylbenzene	20.000	17.523	12.4	104	0.00
75	2-Chlorotoluene	20.000	17.917	10.4	105	0.00
76	1,3,5-Trimethylbenzene	20.000	17.744	11.3	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.182	19.1	102	0.00
78	4-Chlorotoluene	20.000	17.305	13.5	102	0.00
79	tert-butylbenzene	20.000	17.592	12.0	104	0.00
80	1,2,4-Trimethylbenzene	20.000	17.641	11.8	104	0.00
81	sec-Butylbenzene	20.000	17.498	12.5	104	0.00
82	p-Isopropyltoluene	20.000	17.416	12.9	105	0.00
83 M	1,3-Dichlorobenzene	20.000	16.836	15.8	102	0.00
84 M	1,4-Dichlorobenzene	20.000	16.591	17.0	104	0.00
85	n-Butylbenzene	20.000	16.938	15.3	105	0.00
86 T	Hexachloroethane	20.000	16.460	17.7	103	0.00
87 M	1,2-Dichlorobenzene	20.000	17.327	13.4	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.577	17.1	103	0.00
89	1,2,4-Trichlorobenzene	20.000	18.164	9.2	106	0.00
90	Hexachlorobutadiene	20.000	17.470	12.7	103	0.00
91 M	Naphthalene	20.000	18.396	8.0	105	0.00
92	1,2,3-Trichlorobenzene	20.000	15.099	24.5	103	0.00

(#) = Out of Range

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