

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077275.D
 Acq On : 07 Apr 2023 13:13
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.1mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040723

Quant Time: Apr 07 13:30:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	88	0.00
2 M	Dichlorodifluoromethane	20.000	18.853	5.7	90	0.00
3 M	Chloromethane	20.000	19.412	2.9	92	0.00
4 M	Vinyl Chloride	20.000	19.771	1.1	94	0.00
5 M	Bromomethane	20.000	19.066	4.7	99	0.00
6 M	Chloroethane	20.000	20.731	-3.7	97	0.00
7 M	Trichlorofluoromethane	20.000	19.159	4.2	92	0.00
8 T	Diethyl Ether	20.000	19.985	0.1	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.054	-0.3	94	0.00
10 M	1,1-Dichloroethene	20.000	18.993	5.0	93	0.00
11	Methyl Iodide	20.000	18.697	6.5	86	0.00
12	Methyl Acetate	20.000	18.784	6.1	89	0.00
13 M	Acrolein	100.000	97.188	2.8	88	0.00
14 M	Acrylonitrile	100.000	93.617	6.4	90	0.00
15 M	Acetone	100.000	91.634	8.4	74	0.00
16 M	Carbon Disulfide	20.000	19.409	3.0	94	0.00
17	Allyl chloride	20.000	18.874	5.6	85	0.00
18 M	Methylene Chloride	20.000	19.371	3.1	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.224	3.9	93	0.00
20 T	Diisopropyl ether	20.000	18.907	5.5	91	0.00
21 M	1,1-Dichloroethane	20.000	19.674	1.6	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.625	1.9	96	0.00
23 M	tert-Butyl Alcohol	100.000	93.623	6.4	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.279	3.6	91	0.00
25 M	Chloroform	20.000	19.449	2.8	94	0.00
26	Cyclohexane	20.000	19.431	2.8	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.290	-4.3	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	19.337	3.3	96	0.00
30 M	2-Butanone	100.000	89.890	10.1	83	0.00
31	2,2-Dichloropropane	20.000	18.830	5.9	94	0.00
32 M	1,1,1-Trichloroethane	20.000	18.454	7.7	90	0.00
33 M	Carbon Tetrachloride	20.000	18.499	7.5	90	0.00
34 M	Benzene	20.000	19.151	4.2	94	0.00
35	Methacrylonitrile	20.000	19.675	1.6	98	0.00
36 M	1,2-Dichloroethane	20.000	19.444	2.8	94	0.00
37 M	Trichloroethene	20.000	18.989	5.1	95	0.00
38	Methylcyclohexane	20.000	18.859	5.7	94	0.00
39 M	1,2-Dichloropropane	20.000	19.002	5.0	93	0.00
40	Dibromomethane	20.000	18.686	6.6	92	0.00
41 M	Bromodichloromethane	20.000	18.870	5.6	92	0.00
42 M	Vinyl Acetate	100.000	91.520	8.5	90	0.00
43	Ethyl Acetate	20.000	18.080	9.6	89	0.00
44	Isopropyl Acetate	20.000	18.747	6.3	90	0.00
45 T	1,4-Dioxane	400.000	373.518	6.6	89	0.00
46	Methyl methacrylate	20.000	18.594	7.0	92	0.00
47	n-amyl Acetate	20.000	19.167	4.2	95	0.00
48 M	t-1,3-Dichloropropene	20.000	18.416	7.9	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.855	5.7	93	0.00
50 M	1,1,2-Trichloroethane	20.000	18.741	6.3	94	0.00
51	Ethyl methacrylate	20.000	19.164	4.2	95	0.00
52	1,3-Dichloropropane	20.000	18.459	7.7	92	0.00
53 M	Dibromochloromethane	20.000	18.509	7.5	92	0.00
54 M	1,2-Dibromoethane	20.000	18.852	5.7	92	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.798	15.2	83	0.00
56 M	Bromoform	20.000	18.007	10.0	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.074	5.9	92	0.00
59 M	2-Hexanone	100.000	91.820	8.2	89	0.00
60 S	4-Bromofluorobenzene	30.000	29.829	0.6	96	0.00
61 M	Tetrachloroethene	20.000	18.729	6.4	97	0.00
62 M	Toluene	20.000	18.943	5.3	96	0.00
63 S	Toluene-d8	30.000	30.035	-0.1	96	0.00
64 M	Chlorobenzene	20.000	18.805	6.0	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.725	6.4	93	0.00
66 M	Ethyl Benzene	20.000	18.780	6.1	95	0.00
67 M	m/p-Xylenes	40.000	37.144	7.1	96	0.00
68 M	o-Xylene	20.000	19.047	4.8	97	0.00
69 M	Styrene	20.000	18.819	5.9	96	0.00
70	Isopropylbenzene	20.000	19.126	4.4	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.789	6.1	95	0.00
72	1,2,3-Trichloropropane	20.000	20.708	-3.5	98	0.00
73	Bromobenzene	20.000	19.611	1.9	99	0.00
74	n-propylbenzene	20.000	19.289	3.6	99	0.00
75	2-Chlorotoluene	20.000	19.031	4.8	96	0.00
76	1,3,5-Trimethylbenzene	20.000	19.119	4.4	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.275	8.6	93	0.00
78	4-Chlorotoluene	20.000	19.429	2.9	100	0.00
79	tert-butylbenzene	20.000	19.101	4.5	95	0.00
80	1,2,4-Trimethylbenzene	20.000	19.094	4.5	95	0.00
81	sec-Butylbenzene	20.000	19.053	4.7	95	0.00
82	p-Isopropyltoluene	20.000	18.992	5.0	95	0.00
83 M	1,3-Dichlorobenzene	20.000	18.722	6.4	98	0.00
84 M	1,4-Dichlorobenzene	20.000	18.823	5.9	98	0.00
85	n-Butylbenzene	20.000	18.861	5.7	99	0.00
86 T	Hexachloroethane	20.000	17.967	10.2	92	0.00
87 M	1,2-Dichlorobenzene	20.000	18.953	5.2	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.488	12.6	92	0.00
89	1,2,4-Trichlorobenzene	20.000	17.297	13.5	99	0.00
90	Hexachlorobutadiene	20.000	18.829	5.9	98	0.00
91 M	Naphthalene	20.000	16.759	16.2	93	0.00
92	1,2,3-Trichlorobenzene	20.000	16.629	16.9	92	0.00

(#) = Out of Range

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