

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078721.D
 Acq On : 01 Aug 2023 17:00
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080123

Quant Time: Aug 02 04:26:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:20:43 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	18.813	5.9	101	0.00
3 M	Chloromethane	20.000	21.526	-7.6	102	0.00
4 M	Vinyl Chloride	20.000	21.044	-5.2	106	0.00
5 M	Bromomethane	20.000	18.697	6.5	97	0.00
6 M	Chloroethane	20.000	19.963	0.2	107	0.00
7 M	Trichlorofluoromethane	20.000	30.199	-51.0#	154	0.00
8 T	Diethyl Ether	20.000	19.685	1.6	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.922	0.4	106	0.00
10 M	1,1-Dichloroethene	20.000	19.789	1.1	100	0.00
11	Methyl Iodide	20.000	19.815	0.9	104	0.00
12	Methyl Acetate	20.000	20.045	-0.2	105	0.00
13 M	Acrolein	100.000	104.771	-4.8	109	0.00
14 M	Acrylonitrile	100.000	99.135	0.9	104	0.00
15 M	Acetone	100.000	102.055	-2.1	109	0.00
16 M	Carbon Disulfide	20.000	18.833	5.8	95	0.00
17	Allyl chloride	20.000	18.301	8.5	88	0.01
18 M	Methylene Chloride	20.000	20.228	-1.1	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.865	5.7	99	0.00
20 T	Diisopropyl ether	20.000	19.882	0.6	101	0.00
21 M	1,1-Dichloroethane	20.000	20.138	-0.7	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.886	0.6	99	0.00
23 M	tert-Butyl Alcohol	100.000	97.070	2.9	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.671	1.6	101	0.01
25 M	Chloroform	20.000	20.645	-3.2	106	0.00
26	Cyclohexane	20.000	20.665	-3.3	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.851	0.5	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	21.389	-6.9	102	0.00
30 M	2-Butanone	100.000	110.312	-10.3	104	0.00
31	2,2-Dichloropropane	20.000	21.397	-7.0	100	0.00
32 M	1,1,1-Trichloroethane	20.000	22.141	-10.7	104	0.00
33 M	Carbon Tetrachloride	20.000	21.995	-10.0	105	0.00
34 M	Benzene	20.000	21.720	-8.6	104	0.00
35	Methacrylonitrile	20.000	22.030	-10.2	105	0.00
36 M	1,2-Dichloroethane	20.000	21.768	-8.8	101	0.00
37 M	Trichloroethene	20.000	20.299	-1.5	100	0.00
38	Methylcyclohexane	20.000	20.373	-1.9	102	0.00
39 M	1,2-Dichloropropane	20.000	20.083	-0.4	101	0.00
40	Dibromomethane	20.000	21.703	-8.5	105	0.00
41 M	Bromodichloromethane	20.000	22.260	-11.3	105	0.00
42 M	Vinyl Acetate	100.000	103.138	-3.1	98	0.00
43	Ethyl Acetate	20.000	19.405	3.0	82	0.00
44	Isopropyl Acetate	20.000	21.962	-9.8	101	0.00
45 T	1,4-Dioxane	400.000	449.853	-12.5	115	0.00
46	Methyl methacrylate	20.000	22.148	-10.7	109	0.00
47	n-amyl Acetate	20.000	24.706	-23.5	120	0.00
48 M	t-1,3-Dichloropropene	20.000	20.246	-1.2	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.517	-2.6	99	0.00
50 M	1,1,2-Trichloroethane	20.000	20.193	-1.0	90	0.00
51	Ethyl methacrylate	20.000	20.922	-4.6	96	0.00
52	1,3-Dichloropropane	20.000	19.558	2.2	97	0.00
53 M	Dibromochloromethane	20.000	20.501	-2.5	93	0.00
54 M	1,2-Dibromoethane	20.000	20.811	-4.1	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	114.850	-14.8	104	0.00
56 M	Bromoform	20.000	21.392	-7.0	107	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.840	0.2	103	0.00
59 M	2-Hexanone	100.000	96.161	3.8	96	0.00
60 S	4-Bromofluorobenzene	30.000	28.830	3.9	99	0.00
61 M	Tetrachloroethene	20.000	18.885	5.6	98	0.00
62 M	Toluene	20.000	19.980	0.1	102	0.00
63 S	Toluene-d8	30.000	29.168	2.8	98	0.00
64 M	Chlorobenzene	20.000	20.319	-1.6	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.550	-2.8	101	0.00
66 M	Ethyl Benzene	20.000	20.269	-1.3	100	0.00
67 M	m/p-Xylenes	40.000	40.775	-1.9	102	0.00
68 M	o-Xylene	20.000	20.468	-2.3	107	0.00
69 M	Styrene	20.000	20.203	-1.0	109	0.00
70	Isopropylbenzene	20.000	20.351	-1.8	105	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.743	1.3	103	0.00
72	1,2,3-Trichloropropane	20.000	19.274	3.6	104	0.00
73	Bromobenzene	20.000	19.828	0.9	102	0.00
74	n-propylbenzene	20.000	19.408	3.0	102	0.00
75	2-Chlorotoluene	20.000	18.042	9.8	104	0.00
76	1,3,5-Trimethylbenzene	20.000	18.132	9.3	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.152	4.2	101	0.00
78	4-Chlorotoluene	20.000	17.310	13.5	96	0.00
79	tert-butylbenzene	20.000	17.940	10.3	103	0.00
80	1,2,4-Trimethylbenzene	20.000	17.999	10.0	99	0.00
81	sec-Butylbenzene	20.000	17.554	12.2	102	0.00
82	p-Isopropyltoluene	20.000	17.100	14.5	95	0.00
83 M	1,3-Dichlorobenzene	20.000	17.769	11.2	96	0.00
84 M	1,4-Dichlorobenzene	20.000	18.209	9.0	99	0.00
85	n-Butylbenzene	20.000	18.008	10.0	98	0.00
86 T	Hexachloroethane	20.000	19.271	3.6	104	0.00
87 M	1,2-Dichlorobenzene	20.000	19.638	1.8	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.097	9.5	102	0.00
89	1,2,4-Trichlorobenzene	20.000	17.737	11.3	93	0.00
90	Hexachlorobutadiene	20.000	19.589	2.1	99	0.00
91 M	Naphthalene	20.000	17.915	10.4	93	0.00
92	1,2,3-Trichlorobenzene	20.000	18.660	6.7	96	0.00

(#) = Out of Range

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