

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076891.D
 Acq On : 09 Mar 2023 09:51
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 10 01:23:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	20.892	-4.5	115	0.00
3 M	Chloromethane	20.000	19.621	1.9	111	0.00
4 M	Vinyl Chloride	20.000	19.758	1.2	111	0.00
5 M	Bromomethane	20.000	20.388	-1.9	119	0.01
6 M	Chloroethane	20.000	19.161	4.2	110	0.00
7 M	Trichlorofluoromethane	20.000	20.173	-0.9	114	0.00
8 T	Diethyl Ether	20.000	20.490	-2.4	117	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.690	-3.5	116	0.00
10 M	1,1-Dichloroethene	20.000	20.602	-3.0	116	0.00
11	Methyl Iodide	20.000	19.678	1.6	111	0.00
12	Methyl Acetate	20.000	19.536	2.3	110	0.00
13 M	Acrolein	100.000	96.446	3.6	110	0.00
14 M	Acrylonitrile	100.000	97.432	2.6	111	0.00
15 M	Acetone	100.000	130.557	-30.6#	146	0.00
16 M	Carbon Disulfide	20.000	20.540	-2.7	117	0.00
17	Allyl chloride	20.000	20.156	-0.8	116	0.00
18 M	Methylene Chloride	20.000	19.726	1.4	113	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.361	-1.8	116	0.00
20 T	Diisopropyl ether	20.000	20.600	-3.0	114	0.00
21 M	1,1-Dichloroethane	20.000	20.220	-1.1	115	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.812	-4.1	115	0.00
23 M	tert-Butyl Alcohol	100.000	110.130	-10.1	125	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.944	-4.7	117	0.00
25 M	Chloroform	20.000	19.868	0.7	114	0.00
26	Cyclohexane	20.000	19.781	1.1	110	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.397	-4.7	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	19.607	2.0	118	0.00
30 M	2-Butanone	100.000	100.389	-0.4	121	0.00
31	2,2-Dichloropropane	20.000	20.305	-1.5	121	0.00
32 M	1,1,1-Trichloroethane	20.000	19.461	2.7	116	0.00
33 M	Carbon Tetrachloride	20.000	19.281	3.6	117	0.00
34 M	Benzene	20.000	19.111	4.4	115	0.00
35	Methacrylonitrile	20.000	18.920	5.4	116	0.00
36 M	1,2-Dichloroethane	20.000	19.353	3.2	117	0.00
37 M	Trichloroethene	20.000	19.336	3.3	115	0.00
38	Methylcyclohexane	20.000	19.603	2.0	117	0.00
39 M	1,2-Dichloropropane	20.000	19.140	4.3	112	0.00
40	Dibromomethane	20.000	19.279	3.6	114	0.00
41 M	Bromodichloromethane	20.000	19.393	3.0	115	0.00
42 M	Vinyl Acetate	100.000	96.084	3.9	115	0.00
43	Ethyl Acetate	20.000	17.852	10.7	106	0.00
44	Isopropyl Acetate	20.000	18.874	5.6	112	0.00
45 T	1,4-Dioxane	400.000	399.746	0.1	118	0.00
46	Methyl methacrylate	20.000	18.759	6.2	110	0.00
47	n-amyl Acetate	20.000	19.607	2.0	120	0.00
48 M	t-1,3-Dichloropropene	20.000	20.346	-1.7	125	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.708	1.5	119	0.00
50 M	1,1,2-Trichloroethane	20.000	18.966	5.2	116	0.00
51	Ethyl methacrylate	20.000	19.614	1.9	117	0.00
52	1,3-Dichloropropane	20.000	18.924	5.4	113	0.00
53 M	Dibromochloromethane	20.000	19.789	1.1	119	0.00
54 M	1,2-Dibromoethane	20.000	19.572	2.1	118	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.367	2.6	115	0.00
56 M	Bromoform	20.000	19.622	1.9	118	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.378	5.6	110	0.00
59 M	2-Hexanone	100.000	100.850	-0.8	117	0.00
60 S	4-Bromofluorobenzene	30.000	31.041	-3.5	108	0.00
61 M	Tetrachloroethene	20.000	19.803	1.0	117	0.00
62 M	Toluene	20.000	19.772	1.1	117	0.00
63 S	Toluene-d8	30.000	29.882	0.4	101	0.00
64 M	Chlorobenzene	20.000	20.345	-1.7	120	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.400	3.0	116	0.00
66 M	Ethyl Benzene	20.000	20.304	-1.5	119	0.00
67 M	m/p-Xylenes	40.000	40.912	-2.3	118	0.00
68 M	o-Xylene	20.000	20.034	-0.2	117	0.00
69 M	Styrene	20.000	20.749	-3.7	119	0.00
70	Isopropylbenzene	20.000	20.571	-2.9	119	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.199	4.0	114	0.00
72	1,2,3-Trichloropropane	20.000	19.051	4.7	115	0.00
73	Bromobenzene	20.000	20.842	-4.2	124	0.00
74	n-propylbenzene	20.000	20.989	-4.9	122	0.00
75	2-Chlorotoluene	20.000	20.404	-2.0	119	0.00
76	1,3,5-Trimethylbenzene	20.000	20.848	-4.2	121	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.396	-7.0	125	0.00
78	4-Chlorotoluene	20.000	20.820	-4.1	123	0.00
79	tert-butylbenzene	20.000	20.679	-3.4	122	0.00
80	1,2,4-Trimethylbenzene	20.000	21.013	-5.1	120	0.00
81	sec-Butylbenzene	20.000	21.278	-6.4	123	0.00
82	p-Isopropyltoluene	20.000	21.847	-9.2	125	0.00
83 M	1,3-Dichlorobenzene	20.000	21.029	-5.1	123	0.00
84 M	1,4-Dichlorobenzene	20.000	21.669	-8.3	128	0.00
85	n-Butylbenzene	20.000	22.811	-14.1	135	0.00
86 T	Hexachloroethane	20.000	20.273	-1.4	121	0.00
87 M	1,2-Dichlorobenzene	20.000	20.395	-2.0	119	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.567	2.2	120	0.00
89	1,2,4-Trichlorobenzene	20.000	22.664	-13.3	136	0.00
90	Hexachlorobutadiene	20.000	23.009	-15.0	137	0.00
91 M	Naphthalene	20.000	21.915	-9.6	129	0.00
92	1,2,3-Trichlorobenzene	20.000	22.491	-12.5	131	0.00

(#) = Out of Range

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