

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078729.D
 Acq On : 02 Aug 2023 12:23
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 03 05:31:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	18.522	7.4	94	0.00
3 M	Chloromethane	20.000	28.064	-40.3#	126	0.00
4 M	Vinyl Chloride	20.000	20.708	-3.5	100	0.00
5 M	Bromomethane	20.000	19.343	3.3	96	0.00
6 M	Chloroethane	20.000	21.657	-8.3	111	0.01
7 M	Trichlorofluoromethane	20.000	22.174	-10.9	107	0.00
8 T	Diethyl Ether	20.000	22.667	-13.3	113	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	24.156	-20.8	123	0.00
10 M	1,1-Dichloroethene	20.000	22.860	-14.3	110	0.01
11	Methyl Iodide	20.000	23.290	-16.4	117	0.00
12	Methyl Acetate	20.000	18.569	7.2	93	0.00
13 M	Acrolein	100.000	95.992	4.0	96	0.00
14 M	Acrylonitrile	100.000	96.534	3.5	96	0.00
15 M	Acetone	100.000	124.213	-24.2	126	0.00
16 M	Carbon Disulfide	20.000	18.875	5.6	91	0.00
17	Allyl chloride	20.000	20.247	-1.2	92	0.00
18 M	Methylene Chloride	20.000	20.158	-0.8	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.465	7.7	92	0.00
20 T	Diisopropyl ether	20.000	20.060	-0.3	97	0.00
21 M	1,1-Dichloroethane	20.000	19.852	0.7	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.996	0.0	95	0.00
23 M	tert-Butyl Alcohol	100.000	90.544	9.5	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.340	3.3	94	0.00
25 M	Chloroform	20.000	20.250	-1.3	99	0.00
26	Cyclohexane	20.000	20.480	-2.4	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.819	0.6	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	22.525	-12.6	102	0.00
30 M	2-Butanone	100.000	103.764	-3.8	92	0.00
31	2,2-Dichloropropane	20.000	21.869	-9.3	96	0.00
32 M	1,1,1-Trichloroethane	20.000	21.618	-8.1	95	0.00
33 M	Carbon Tetrachloride	20.000	22.179	-10.9	100	0.00
34 M	Benzene	20.000	21.791	-9.0	98	0.00
35	Methacrylonitrile	20.000	19.523	2.4	88	0.00
36 M	1,2-Dichloroethane	20.000	21.937	-9.7	96	0.00
37 M	Trichloroethene	20.000	20.739	-3.7	97	0.00
38	Methylcyclohexane	20.000	20.473	-2.4	97	0.00
39 M	1,2-Dichloropropane	20.000	20.727	-3.6	98	0.00
40	Dibromomethane	20.000	21.019	-5.1	96	0.00
41 M	Bromodichloromethane	20.000	21.403	-7.0	95	0.00
42 M	Vinyl Acetate	100.000	105.462	-5.5	94	0.00
43	Ethyl Acetate	20.000	19.440	2.8	77	0.00
44	Isopropyl Acetate	20.000	20.433	-2.2	89	0.00
45 T	1,4-Dioxane	400.000	379.745	5.1	91	0.00
46	Methyl methacrylate	20.000	20.449	-2.2	95	0.00
47	n-amyl Acetate	20.000	19.701	1.5	90	0.00
48 M	t-1,3-Dichloropropene	20.000	20.300	-1.5	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.664	-8.3	98	0.00
50 M	1,1,2-Trichloroethane	20.000	20.486	-2.4	86	0.00
51	Ethyl methacrylate	20.000	19.744	1.3	85	0.00
52	1,3-Dichloropropane	20.000	18.789	6.1	88	0.00
53 M	Dibromochloromethane	20.000	20.685	-3.4	88	0.00
54 M	1,2-Dibromoethane	20.000	21.435	-7.2	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.759	-7.8	92	0.00
56 M	Bromoform	20.000	20.418	-2.1	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.752	5.2	93	0.00
59 M	2-Hexanone	100.000	89.911	10.1	86	0.00
60 S	4-Bromofluorobenzene	30.000	28.648	4.5	94	0.00
61 M	Tetrachloroethene	20.000	20.362	-1.8	101	0.00
62 M	Toluene	20.000	20.400	-2.0	99	0.00
63 S	Toluene-d8	30.000	29.669	1.1	95	0.00
64 M	Chlorobenzene	20.000	20.902	-4.5	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.559	-2.8	97	0.00
66 M	Ethyl Benzene	20.000	20.654	-3.3	98	0.00
67 M	m/p-Xylenes	40.000	41.518	-3.8	99	0.00
68 M	o-Xylene	20.000	19.540	2.3	97	0.00
69 M	Styrene	20.000	19.245	3.8	100	0.00
70	Isopropylbenzene	20.000	20.358	-1.8	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.902	5.5	94	0.00
72	1,2,3-Trichloropropane	20.000	17.719	11.4	91	0.00
73	Bromobenzene	20.000	19.594	2.0	97	0.00
74	n-propylbenzene	20.000	19.960	0.2	100	0.00
75	2-Chlorotoluene	20.000	18.250	8.8	100	0.00
76	1,3,5-Trimethylbenzene	20.000	18.570	7.1	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.146	9.3	91	0.00
78	4-Chlorotoluene	20.000	17.642	11.8	93	0.00
79	tert-butylbenzene	20.000	17.566	12.2	96	0.00
80	1,2,4-Trimethylbenzene	20.000	18.630	6.9	98	0.00
81	sec-Butylbenzene	20.000	17.980	10.1	100	0.00
82	p-Isopropyltoluene	20.000	17.975	10.1	95	0.00
83 M	1,3-Dichlorobenzene	20.000	18.082	9.6	93	0.00
84 M	1,4-Dichlorobenzene	20.000	18.219	8.9	95	0.00
85	n-Butylbenzene	20.000	17.592	12.0	91	0.00
86 T	Hexachloroethane	20.000	18.568	7.2	95	0.00
87 M	1,2-Dichlorobenzene	20.000	19.022	4.9	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.595	12.0	94	0.00
89	1,2,4-Trichlorobenzene	20.000	17.356	13.2	87	0.00
90	Hexachlorobutadiene	20.000	19.089	4.6	92	0.00
91 M	Naphthalene	20.000	15.695	21.5	78	0.00
92	1,2,3-Trichlorobenzene	20.000	17.887	10.6	88	0.00

(#) = Out of Range

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