

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078741.D
 Acq On : 02 Aug 2023 20:51
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 03 05:34:26 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	87	0.00
2 M	Dichlorodifluoromethane	20.000	15.643	21.8	76	0.00
3 M	Chloromethane	20.000	23.460	-17.3	101	0.00
4 M	Vinyl Chloride	20.000	20.019	-0.1	92	0.00
5 M	Bromomethane	20.000	13.876	30.6#	66	0.00
6 M	Chloroethane	20.000	17.533	12.3	86	0.00
7 M	Trichlorofluoromethane	20.000	26.481	-32.4#	123	0.00
8 T	Diethyl Ether	20.000	31.729	-58.6#	151	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	27.301	-36.5#	133	0.00
10 M	1,1-Dichloroethene	20.000	28.946	-44.7#	134	0.00
11	Methyl Iodide	20.000	22.346	-11.7	107	0.00
12	Methyl Acetate	20.000	18.373	8.1	88	0.00
13 M	Acrolein	100.000	139.137	-39.1#	133	0.00
14 M	Acrylonitrile	100.000	94.035	6.0	90	0.00
15 M	Acetone	100.000	147.692	-47.7#	144	0.00
16 M	Carbon Disulfide	20.000	29.148	-45.7#	134	0.00
17	Allyl chloride	20.000	16.730	16.3	73	0.00
18 M	Methylene Chloride	20.000	18.642	6.8	88	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.972	15.1	81	0.00
20 T	Diisopropyl ether	20.000	18.361	8.2	85	0.00
21 M	1,1-Dichloroethane	20.000	18.874	5.6	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.560	7.2	84	0.00
23 M	tert-Butyl Alcohol	100.000	86.329	13.7	82	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.017	9.9	84	0.00
25 M	Chloroform	20.000	19.307	3.5	91	0.00
26	Cyclohexane	20.000	16.498	17.5	72	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.830	-2.8	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	80	0.00
29	1,1-Dichloropropene	20.000	19.407	3.0	84	0.00
30 M	2-Butanone	100.000	98.593	1.4	84	0.00
31	2,2-Dichloropropane	20.000	16.707	16.5	70	0.00
32 M	1,1,1-Trichloroethane	20.000	19.443	2.8	82	0.00
33 M	Carbon Tetrachloride	20.000	19.200	4.0	83	0.00
34 M	Benzene	20.000	19.888	0.6	86	0.00
35	Methacrylonitrile	20.000	19.767	1.2	85	0.00
36 M	1,2-Dichloroethane	20.000	19.894	0.5	83	0.00
37 M	Trichloroethene	20.000	17.868	10.7	80	0.00
38	Methylcyclohexane	20.000	15.525	22.4	70	0.00
39 M	1,2-Dichloropropane	20.000	19.046	4.8	86	0.00
40	Dibromomethane	20.000	19.979	0.1	87	0.00
41 M	Bromodichloromethane	20.000	20.206	-1.0	86	0.00
42 M	Vinyl Acetate	100.000	95.326	4.7	81	0.00
43	Ethyl Acetate	20.000	18.573	7.1	71	0.00
44	Isopropyl Acetate	20.000	20.715	-3.6	86	0.00
45 T	1,4-Dioxane	400.000	357.547	10.6	82	0.00
46	Methyl methacrylate	20.000	19.994	0.0	89	0.00
47	n-amyl Acetate	20.000	18.849	5.8	83	0.00
48 M	t-1,3-Dichloropropene	20.000	18.134	9.3	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.896	5.5	82	0.00
50 M	1,1,2-Trichloroethane	20.000	19.532	2.3	79	0.00
51	Ethyl methacrylate	20.000	19.093	4.5	79	0.00
52	1,3-Dichloropropane	20.000	17.580	12.1	79	0.00
53 M	Dibromochloromethane	20.000	19.361	3.2	79	0.00
54 M	1,2-Dibromoethane	20.000	19.215	3.9	78	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.687	-1.7	83	0.00
56 M	Bromoform	20.000	19.136	4.3	86	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.815	6.2	87	0.00
59 M	2-Hexanone	100.000	86.779	13.2	78	0.00
60 S	4-Bromofluorobenzene	30.000	28.352	5.5	87	0.00
61 M	Tetrachloroethene	20.000	16.933	15.3	79	0.00
62 M	Toluene	20.000	20.003	-0.0	92	0.00
63 S	Toluene-d8	30.000	30.174	-0.6	91	0.00
64 M	Chlorobenzene	20.000	18.601	7.0	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.605	2.0	87	0.00
66 M	Ethyl Benzene	20.000	18.370	8.1	82	0.00
67 M	m/p-Xylenes	40.000	36.521	8.7	82	0.00
68 M	o-Xylene	20.000	17.760	11.2	83	0.00
69 M	Styrene	20.000	17.331	13.3	84	0.00
70	Isopropylbenzene	20.000	17.281	13.6	80	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.811	5.9	88	0.00
72	1,2,3-Trichloropropane	20.000	19.854	0.7	96	0.00
73	Bromobenzene	20.000	17.841	10.8	83	0.00
74	n-propylbenzene	20.000	16.507	17.5	78	0.00
75	2-Chlorotoluene	20.000	15.852	20.7	82	0.00
76	1,3,5-Trimethylbenzene	20.000	16.202	19.0	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.425	22.9	73	0.00
78	4-Chlorotoluene	20.000	15.317	23.4	76	0.00
79	tert-butylbenzene	20.000	15.607	22.0	80	0.00
80	1,2,4-Trimethylbenzene	20.000	16.144	19.3	80	0.00
81	sec-Butylbenzene	20.000	14.751	26.2#	77	0.00
82	p-Isopropyltoluene	20.000	15.221	23.9	76	0.00
83 M	1,3-Dichlorobenzene	20.000	15.557	22.2	76	0.00
84 M	1,4-Dichlorobenzene	20.000	16.241	18.8	79	0.00
85	n-Butylbenzene	20.000	14.592	27.0#	71	0.00
86 T	Hexachloroethane	20.000	15.635	21.8	76	0.00
87 M	1,2-Dichlorobenzene	20.000	16.916	15.4	81	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.334	13.3	87	0.00
89	1,2,4-Trichlorobenzene	20.000	14.231	28.8#	67	0.00
90	Hexachlorobutadiene	20.000	15.692	21.5	71	0.00
91 M	Naphthalene	20.000	13.659	31.7#	63	0.00
92	1,2,3-Trichlorobenzene	20.000	16.081	19.6	74	0.00

(#) = Out of Range

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