

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079187.D
 Acq On : 07 Sep 2023 20:32
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 08 05:46:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 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	19.132	4.3	93	0.00
3 M	Chloromethane	20.000	16.993	15.0	81	0.00
4 M	Vinyl Chloride	20.000	18.289	8.6	88	0.00
5 M	Bromomethane	20.000	16.031	19.8	80	0.00
6 M	Chloroethane	20.000	19.559	2.2	95	0.00
7 M	Trichlorofluoromethane	20.000	21.445	-7.2	104	0.00
8 T	Diethyl Ether	20.000	30.343	-51.7#	140	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	27.902	-39.5#	131	0.00
10 M	1,1-Dichloroethene	20.000	29.327	-46.6#	133	0.00
11	Methyl Iodide	20.000	23.830	-19.1	113	0.00
12	Methyl Acetate	20.000	29.124	-45.6#	141	0.00
13 M	Acrolein	100.000	59.978	40.0#	53	0.00
14 M	Acrylonitrile	100.000	139.137	-39.1#	133	0.00
15 M	Acetone	100.000	142.867	-42.9#	132	0.00
16 M	Carbon Disulfide	20.000	28.184	-40.9#	133	0.00
17	Allyl chloride	20.000	27.118	-35.6#	121	0.01
18 M	Methylene Chloride	20.000	28.358	-41.8#	136	0.00
19 M	trans-1,2-Dichloroethene	20.000	26.710	-33.6#	124	0.00
20 T	Diisopropyl ether	20.000	22.181	-10.9	86	0.00
21 M	1,1-Dichloroethane	20.000	22.672	-13.4	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.291	3.5	86	0.00
23 M	tert-Butyl Alcohol	100.000	131.778	-31.8#	129	0.01
24 M	Methyl tert-Butyl Ether	20.000	25.653	-28.3#	118	0.00
25 M	Chloroform	20.000	19.027	4.9	90	0.00
26	Cyclohexane	20.000	18.823	5.9	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.737	4.2	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	19.212	3.9	91	0.00
30 M	2-Butanone	100.000	100.149	-0.1	88	0.00
31	2,2-Dichloropropane	20.000	16.269	18.7	72	0.00
32 M	1,1,1-Trichloroethane	20.000	19.349	3.3	91	0.00
33 M	Carbon Tetrachloride	20.000	19.609	2.0	93	0.00
34 M	Benzene	20.000	19.115	4.4	90	0.00
35	Methacrylonitrile	20.000	20.102	-0.5	91	0.00
36 M	1,2-Dichloroethane	20.000	18.428	7.9	90	0.00
37 M	Trichloroethene	20.000	18.879	5.6	93	0.00
38	Methylcyclohexane	20.000	18.526	7.4	87	0.00
39 M	1,2-Dichloropropane	20.000	19.328	3.4	91	0.00
40	Dibromomethane	20.000	19.544	2.3	93	0.00
41 M	Bromodichloromethane	20.000	19.629	1.9	93	0.00
42 M	Vinyl Acetate	100.000	111.464	-11.5	88	0.00
43	Ethyl Acetate	20.000	21.531	-7.7	90	0.00
44	Isopropyl Acetate	20.000	19.848	0.8	95	0.00
45 T	1,4-Dioxane	400.000	380.564	4.9	93	0.00
46	Methyl methacrylate	20.000	18.734	6.3	87	0.00
47	n-amyl Acetate	20.000	20.055	-0.3	99	0.00
48 M	t-1,3-Dichloropropene	20.000	17.868	10.7	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.115	4.4	93	0.00
50 M	1,1,2-Trichloroethane	20.000	19.693	1.5	92	0.00
51	Ethyl methacrylate	20.000	18.889	5.6	87	0.00
52	1,3-Dichloropropane	20.000	20.088	-0.4	91	0.00
53 M	Dibromochloromethane	20.000	19.603	2.0	93	0.00
54 M	1,2-Dibromoethane	20.000	19.192	4.0	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	73.464	26.5#	70	0.00
56 M	Bromoform	20.000	19.417	2.9	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.799	0.2	92	0.00
59 M	2-Hexanone	100.000	102.281	-2.3	90	0.00
60 S	4-Bromofluorobenzene	30.000	30.112	-0.4	87	0.00
61 M	Tetrachloroethene	20.000	19.408	3.0	88	0.00
62 M	Toluene	20.000	19.773	1.1	92	0.00
63 S	Toluene-d8	30.000	30.386	-1.3	91	0.00
64 M	Chlorobenzene	20.000	19.427	2.9	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.614	1.9	92	0.00
66 M	Ethyl Benzene	20.000	19.728	1.4	90	0.00
67 M	m/p-Xylenes	40.000	40.594	-1.5	91	0.00
68 M	o-Xylene	20.000	19.928	0.4	99	0.00
69 M	Styrene	20.000	20.685	-3.4	99	0.00
70	Isopropylbenzene	20.000	19.748	1.3	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.189	-0.9	95	0.00
72	1,2,3-Trichloropropane	20.000	19.511	2.4	95	0.00
73	Bromobenzene	20.000	19.309	3.5	88	0.00
74	n-propylbenzene	20.000	20.015	-0.1	89	0.00
75	2-Chlorotoluene	20.000	20.041	-0.2	91	0.00
76	1,3,5-Trimethylbenzene	20.000	20.173	-0.9	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.554	12.2	79	0.00
78	4-Chlorotoluene	20.000	19.758	1.2	90	0.00
79	tert-butylbenzene	20.000	20.052	-0.3	86	0.00
80	1,2,4-Trimethylbenzene	20.000	20.506	-2.5	90	0.00
81	sec-Butylbenzene	20.000	20.303	-1.5	89	0.00
82	p-Isopropyltoluene	20.000	20.251	-1.3	88	0.00
83 M	1,3-Dichlorobenzene	20.000	19.952	0.2	88	0.00
84 M	1,4-Dichlorobenzene	20.000	19.987	0.1	87	0.00
85	n-Butylbenzene	20.000	18.875	5.6	82	0.00
86 T	Hexachloroethane	20.000	15.753	21.2	69	0.00
87 M	1,2-Dichlorobenzene	20.000	16.833	15.8	73	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.251	-1.3	89	0.00
89	1,2,4-Trichlorobenzene	20.000	18.440	7.8	86	0.00
90	Hexachlorobutadiene	20.000	19.344	3.3	93	0.00
91 M	Naphthalene	20.000	16.598	17.0	76	0.00
92	1,2,3-Trichlorobenzene	20.000	18.440	7.8	86	0.00

(#) = Out of Range

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