

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079595.D
 Acq On : 18 Oct 2023 11:47
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 19 06:11:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 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	93	-0.01
2 M	Dichlorodifluoromethane	20.000	20.824	-4.1	94	0.00
3 M	Chloromethane	20.000	19.666	1.7	89	0.00
4 M	Vinyl Chloride	20.000	20.835	-4.2	95	0.00
5 M	Bromomethane	20.000	18.906	5.5	87	0.00
6 M	Chloroethane	20.000	19.326	3.4	88	0.00
7 M	Trichlorofluoromethane	20.000	21.378	-6.9	97	0.00
8 T	Diethyl Ether	20.000	19.876	0.6	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.239	-6.2	98	-0.01
10 M	1,1-Dichloroethene	20.000	20.116	-0.6	91	0.00
11	Methyl Iodide	20.000	20.403	-2.0	95	0.00
12	Methyl Acetate	20.000	20.682	-3.4	95	0.00
13 M	Acrolein	100.000	103.892	-3.9	95	0.00
14 M	Acrylonitrile	100.000	101.936	-1.9	93	0.00
15 M	Acetone	100.000	104.416	-4.4	93	0.00
16 M	Carbon Disulfide	20.000	19.588	2.1	90	0.00
17	Allyl chloride	20.000	19.639	1.8	86	0.00
18 M	Methylene Chloride	20.000	20.585	-2.9	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.943	-4.7	97	0.00
20 T	Diisopropyl ether	20.000	20.439	-2.2	90	0.00
21 M	1,1-Dichloroethane	20.000	20.565	-2.8	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.896	-4.5	95	0.00
23 M	tert-Butyl Alcohol	100.000	89.502	10.5	82	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.916	0.4	89	0.00
25 M	Chloroform	20.000	21.173	-5.9	95	0.00
26	Cyclohexane	20.000	19.961	0.2	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.469	-1.6	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29	1,1-Dichloropropene	20.000	21.331	-6.7	95	0.00
30 M	2-Butanone	100.000	101.526	-1.5	89	0.00
31	2,2-Dichloropropane	20.000	20.177	-0.9	90	0.00
32 M	1,1,1-Trichloroethane	20.000	20.996	-5.0	93	0.00
33 M	Carbon Tetrachloride	20.000	21.501	-7.5	95	0.00
34 M	Benzene	20.000	21.006	-5.0	94	0.00
35	Methacrylonitrile	20.000	20.271	-1.4	88	0.00
36 M	1,2-Dichloroethane	20.000	21.279	-6.4	94	0.00
37 M	Trichloroethene	20.000	20.876	-4.4	96	0.00
38	Methylcyclohexane	20.000	19.602	2.0	88	0.00
39 M	1,2-Dichloropropane	20.000	21.039	-5.2	94	0.00
40	Dibromomethane	20.000	21.008	-5.0	94	0.00
41 M	Bromodichloromethane	20.000	20.892	-4.5	93	0.00
42 M	Vinyl Acetate	100.000	99.501	0.5	87	0.00
43	Ethyl Acetate	20.000	22.623	-13.1	102	0.00
44	Isopropyl Acetate	20.000	19.294	3.5	89	0.00
45 T	1,4-Dioxane	400.000	413.304	-3.3	89	0.00
46	Methyl methacrylate	20.000	20.891	-4.5	91	0.00
47	n-amyl Acetate	20.000	19.687	1.6	85	0.00
48 M	t-1,3-Dichloropropene	20.000	19.963	0.2	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.679	-3.4	92	0.00
50 M	1,1,2-Trichloroethane	20.000	21.382	-6.9	96	0.00
51	Ethyl methacrylate	20.000	20.192	-1.0	87	0.00
52	1,3-Dichloropropane	20.000	21.025	-5.1	94	0.00
53 M	Dibromochloromethane	20.000	21.612	-8.1	95	0.00
54 M	1,2-Dibromoethane	20.000	21.388	-6.9	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.292	7.7	86	0.00
56 M	Bromoform	20.000	20.512	-2.6	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.854	-4.9	90	0.00
59 M	2-Hexanone	100.000	101.629	-1.6	88	0.00
60 S	4-Bromofluorobenzene	30.000	30.382	-1.3	87	0.00
61 M	Tetrachloroethene	20.000	21.640	-8.2	94	0.00
62 M	Toluene	20.000	21.298	-6.5	94	0.00
63 S	Toluene-d8	30.000	30.862	-2.9	89	0.00
64 M	Chlorobenzene	20.000	20.859	-4.3	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.665	-8.3	96	0.00
66 M	Ethyl Benzene	20.000	20.765	-3.8	91	0.00
67 M	m/p-Xylenes	40.000	43.461	-8.7	94	0.00
68 M	o-Xylene	20.000	21.290	-6.4	94	0.00
69 M	Styrene	20.000	21.781	-8.9	93	0.00
70	Isopropylbenzene	20.000	21.189	-5.9	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.556	-7.8	95	0.00
72	1,2,3-Trichloropropane	20.000	20.762	-3.8	92	0.00
73	Bromobenzene	20.000	21.559	-7.8	93	0.00
74	n-propylbenzene	20.000	21.699	-8.5	95	0.00
75	2-Chlorotoluene	20.000	21.424	-7.1	93	0.00
76	1,3,5-Trimethylbenzene	20.000	21.849	-9.2	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.336	3.3	83	0.00
78	4-Chlorotoluene	20.000	21.381	-6.9	92	0.00
79	tert-butylbenzene	20.000	20.547	-2.7	91	0.00
80	1,2,4-Trimethylbenzene	20.000	21.462	-7.3	93	0.00
81	sec-Butylbenzene	20.000	21.592	-8.0	95	0.00
82	p-Isopropyltoluene	20.000	21.534	-7.7	94	0.00
83 M	1,3-Dichlorobenzene	20.000	21.572	-7.9	93	0.00
84 M	1,4-Dichlorobenzene	20.000	21.343	-6.7	94	0.00
85	n-Butylbenzene	20.000	20.703	-3.5	90	0.00
86 T	Hexachloroethane	20.000	20.870	-4.4	95	0.00
87 M	1,2-Dichlorobenzene	20.000	21.919	-9.6	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.491	2.5	81	0.00
89	1,2,4-Trichlorobenzene	20.000	18.401	8.0	78	0.00
90	Hexachlorobutadiene	20.000	20.242	-1.2	88	0.00
91 M	Naphthalene	20.000	14.577	27.1#	64	0.00
92	1,2,3-Trichlorobenzene	20.000	18.401	8.0	78	0.00

(#) = Out of Range

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