

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076742.D
 Acq On : 17 Feb 2023 18:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 18 02:14:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 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	76	0.00
2 M	Dichlorodifluoromethane	20.000	21.693	-8.5	79	0.00
3 M	Chloromethane	20.000	21.642	-8.2	81	0.00
4 M	Vinyl Chloride	20.000	22.436	-12.2	85	0.00
5 M	Bromomethane	20.000	21.053	-5.3	86	0.00
6 M	Chloroethane	20.000	24.070	-20.4	91	0.00
7 M	Trichlorofluoromethane	20.000	21.129	-5.6	80	0.00
8 T	Diethyl Ether	20.000	20.893	-4.5	82	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.823	-4.1	81	0.00
10 M	1,1-Dichloroethene	20.000	20.391	-2.0	80	0.00
11	Methyl Iodide	20.000	23.494	-17.5	84	0.00
12	Methyl Acetate	20.000	21.178	-5.9	81	0.00
13 M	Acrolein	100.000	90.178	9.8	74	0.00
14 M	Acrylonitrile	100.000	104.734	-4.7	79	0.00
15 M	Acetone	100.000	82.166	17.8	57	0.00
16 M	Carbon Disulfide	20.000	19.507	2.5	76	0.00
17	Allyl chloride	20.000	19.324	3.4	77	0.00
18 M	Methylene Chloride	20.000	21.289	-6.4	82	0.01
19 M	trans-1,2-Dichloroethene	20.000	20.476	-2.4	84	0.00
20 T	Diisopropyl ether	20.000	21.347	-6.7	81	0.00
21 M	1,1-Dichloroethane	20.000	21.581	-7.9	83	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.149	-5.7	81	0.01
23 M	tert-Butyl Alcohol	100.000	95.078	4.9	70	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.235	-6.2	81	0.00
25 M	Chloroform	20.000	21.952	-9.8	82	0.00
26	Cyclohexane	20.000	20.657	-3.3	76	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.459	-11.5	85	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	78	0.00
29	1,1-Dichloropropene	20.000	21.372	-6.9	83	0.00
30 M	2-Butanone	100.000	95.745	4.3	70	0.00
31	2,2-Dichloropropane	20.000	19.038	4.8	74	0.01
32 M	1,1,1-Trichloroethane	20.000	20.520	-2.6	81	0.00
33 M	Carbon Tetrachloride	20.000	19.800	1.0	77	0.00
34 M	Benzene	20.000	21.110	-5.5	81	0.00
35	Methacrylonitrile	20.000	22.142	-10.7	87	0.00
36 M	1,2-Dichloroethane	20.000	21.804	-9.0	82	0.00
37 M	Trichloroethene	20.000	19.989	0.1	80	0.00
38	Methylcyclohexane	20.000	20.015	-0.1	76	0.00
39 M	1,2-Dichloropropane	20.000	21.136	-5.7	83	0.00
40	Dibromomethane	20.000	21.793	-9.0	83	0.00
41 M	Bromodichloromethane	20.000	20.256	-1.3	78	0.00
42 M	Vinyl Acetate	100.000	101.619	-1.6	79	0.00
43	Ethyl Acetate	20.000	21.179	-5.9	81	0.00
44	Isopropyl Acetate	20.000	21.079	-5.4	79	0.00
45 T	1,4-Dioxane	400.000	351.199	12.2	69	0.00
46	Methyl methacrylate	20.000	21.542	-7.7	82	0.00
47	n-amyl Acetate	20.000	20.962	-4.8	80	0.00
48 M	t-1,3-Dichloropropene	20.000	19.484	2.6	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.037	-0.2	78	0.00
50 M	1,1,2-Trichloroethane	20.000	21.336	-6.7	81	0.00
51	Ethyl methacrylate	20.000	21.045	-5.2	80	0.00
52	1,3-Dichloropropane	20.000	21.712	-8.6	83	0.00
53 M	Dibromochloromethane	20.000	19.787	1.1	77	0.00
54 M	1,2-Dibromoethane	20.000	20.831	-4.2	80	0.00
55 M	2-Chloroethyl vinyl ether	100.000	105.046	-5.0	83	0.00
56 M	Bromoform	20.000	19.592	2.0	78	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.857	-5.9	80	0.00
59 M	2-Hexanone	100.000	102.094	-2.1	76	0.00
60 S	4-Bromofluorobenzene	30.000	29.953	0.2	79	0.00
61 M	Tetrachloroethene	20.000	18.883	5.6	78	0.00
62 M	Toluene	20.000	21.158	-5.8	82	0.00
63 S	Toluene-d8	30.000	30.361	-1.2	80	0.00
64 M	Chlorobenzene	20.000	20.144	-0.7	80	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.293	3.5	77	0.00
66 M	Ethyl Benzene	20.000	20.435	-2.2	80	0.00
67 M	m/p-Xylenes	40.000	42.041	-5.1	80	0.00
68 M	o-Xylene	20.000	20.876	-4.4	81	0.00
69 M	Styrene	20.000	21.075	-5.4	81	0.00
70	Isopropylbenzene	20.000	20.789	-3.9	79	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.074	-5.4	81	0.00
72	1,2,3-Trichloropropane	20.000	23.645	-18.2	88	0.00
73	Bromobenzene	20.000	19.873	0.6	76	0.00
74	n-propylbenzene	20.000	20.896	-4.5	80	0.00
75	2-Chlorotoluene	20.000	21.496	-7.5	82	0.00
76	1,3,5-Trimethylbenzene	20.000	21.216	-6.1	81	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.453	7.7	73	0.00
78	4-Chlorotoluene	20.000	21.234	-6.2	81	0.00
79	tert-butylbenzene	20.000	20.453	-2.3	78	0.00
80	1,2,4-Trimethylbenzene	20.000	21.476	-7.4	81	0.00
81	sec-Butylbenzene	20.000	20.972	-4.9	79	0.00
82	p-Isopropyltoluene	20.000	20.470	-2.3	77	0.00
83 M	1,3-Dichlorobenzene	20.000	20.007	-0.0	79	0.00
84 M	1,4-Dichlorobenzene	20.000	20.568	-2.8	80	0.00
85	n-Butylbenzene	20.000	19.265	3.7	75	0.00
86 T	Hexachloroethane	20.000	20.290	-1.4	79	0.00
87 M	1,2-Dichlorobenzene	20.000	20.910	-4.6	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.142	-0.7	74	0.00
89	1,2,4-Trichlorobenzene	20.000	18.849	5.8	78	0.00
90	Hexachlorobutadiene	20.000	19.672	1.6	81	0.00
91 M	Naphthalene	20.000	18.893	5.5	76	0.00
92	1,2,3-Trichlorobenzene	20.000	18.640	6.8	77	0.00

(#) = Out of Range

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