

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041423\
 Data File : VN077348.D
 Acq On : 14 Apr 2023 16:22
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 17 05:10:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 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	85	0.00
2 M	Dichlorodifluoromethane	20.000	18.980	5.1	87	0.00
3 M	Chloromethane	20.000	17.520	12.4	80	0.00
4 M	Vinyl Chloride	20.000	17.692	11.5	81	0.00
5 M	Bromomethane	20.000	16.090	19.6	80	0.01
6 M	Chloroethane	20.000	17.673	11.6	79	0.01
7 M	Trichlorofluoromethane	20.000	29.233	-46.2#	136	0.00
8 T	Diethyl Ether	20.000	17.484	12.6	79	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.654	6.7	84	0.00
10 M	1,1-Dichloroethene	20.000	17.796	11.0	84	0.00
11	Methyl Iodide	20.000	18.616	6.9	82	0.00
12	Methyl Acetate	20.000	18.696	6.5	85	0.00
13 M	Acrolein	100.000	69.016	31.0#	60	0.00
14 M	Acrylonitrile	100.000	91.213	8.8	84	0.01
15 M	Acetone	100.000	69.210	30.8#	54	0.00
16 M	Carbon Disulfide	20.000	16.689	16.6	78	0.00
17	Allyl chloride	20.000	15.305	23.5	67	0.00
18 M	Methylene Chloride	20.000	18.104	9.5	85	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.473	7.6	86	0.00
20 T	Diisopropyl ether	20.000	16.980	15.1	79	0.00
21 M	1,1-Dichloroethane	20.000	17.830	10.9	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.366	8.2	86	0.01
23 M	tert-Butyl Alcohol	100.000	92.585	7.4	80	0.02
24 M	Methyl tert-Butyl Ether	20.000	18.144	9.3	83	0.00
25 M	Chloroform	20.000	18.477	7.6	86	0.00
26	Cyclohexane	20.000	16.758	16.2	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.306	-1.0	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	17.504	12.5	81	0.00
30 M	2-Butanone	100.000	81.053	18.9	70	0.00
31	2,2-Dichloropropane	20.000	15.151	24.2	71	0.00
32 M	1,1,1-Trichloroethane	20.000	18.115	9.4	83	0.00
33 M	Carbon Tetrachloride	20.000	18.163	9.2	83	0.00
34 M	Benzene	20.000	17.870	10.6	82	0.00
35	Methacrylonitrile	20.000	17.425	12.9	82	0.00
36 M	1,2-Dichloroethane	20.000	18.442	7.8	84	0.00
37 M	Trichloroethene	20.000	18.446	7.8	87	0.00
38	Methylcyclohexane	20.000	17.167	14.2	80	0.00
39 M	1,2-Dichloropropane	20.000	17.917	10.4	82	0.00
40	Dibromomethane	20.000	18.795	6.0	87	0.00
41 M	Bromodichloromethane	20.000	18.180	9.1	83	0.00
42 M	Vinyl Acetate	100.000	95.601	4.4	89	0.00
43	Ethyl Acetate	20.000	16.868	15.7	78	0.00
44	Isopropyl Acetate	20.000	17.508	12.5	79	0.00
45 T	1,4-Dioxane	400.000	391.729	2.1	88	0.00
46	Methyl methacrylate	20.000	17.298	13.5	81	0.00
47	n-amyl Acetate	20.000	17.358	13.2	81	0.00
48 M	t-1,3-Dichloropropene	20.000	17.405	13.0	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.554	17.2	77	0.00
50 M	1,1,2-Trichloroethane	20.000	18.343	8.3	86	0.00
51	Ethyl methacrylate	20.000	18.024	9.9	84	0.00
52	1,3-Dichloropropane	20.000	18.392	8.0	86	0.00
53 M	Dibromochloromethane	20.000	18.483	7.6	86	0.00
54 M	1,2-Dibromoethane	20.000	18.529	7.4	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	134.328	-34.3#	123	0.00
56 M	Bromoform	20.000	18.406	8.0	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.955	9.0	84	0.00
59 M	2-Hexanone	100.000	85.252	14.7	77	0.00
60 S	4-Bromofluorobenzene	30.000	29.566	1.4	89	0.00
61 M	Tetrachloroethene	20.000	18.784	6.1	91	0.00
62 M	Toluene	20.000	17.901	10.5	85	0.00
63 S	Toluene-d8	30.000	29.521	1.6	89	0.00
64 M	Chlorobenzene	20.000	18.166	9.2	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.235	8.8	85	0.00
66 M	Ethyl Benzene	20.000	17.969	10.2	86	0.00
67 M	m/p-Xylenes	40.000	35.920	10.2	87	0.00
68 M	o-Xylene	20.000	17.691	11.5	84	0.00
69 M	Styrene	20.000	17.687	11.6	85	0.00
70	Isopropylbenzene	20.000	18.218	8.9	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.960	10.2	85	0.00
72	1,2,3-Trichloropropane	20.000	23.619	-18.1	105	0.00
73	Bromobenzene	20.000	18.367	8.2	87	0.00
74	n-propylbenzene	20.000	18.249	8.8	88	0.00
75	2-Chlorotoluene	20.000	17.971	10.1	85	0.00
76	1,3,5-Trimethylbenzene	20.000	17.840	10.8	84	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.989	20.1	76	0.00
78	4-Chlorotoluene	20.000	17.969	10.2	87	0.00
79	tert-butylbenzene	20.000	18.742	6.3	88	0.00
80	1,2,4-Trimethylbenzene	20.000	18.026	9.9	84	0.00
81	sec-Butylbenzene	20.000	18.334	8.3	86	0.00
82	p-Isopropyltoluene	20.000	18.527	7.4	87	0.00
83 M	1,3-Dichlorobenzene	20.000	18.001	10.0	88	0.00
84 M	1,4-Dichlorobenzene	20.000	17.884	10.6	87	0.00
85	n-Butylbenzene	20.000	18.042	9.8	89	0.00
86 T	Hexachloroethane	20.000	17.633	11.8	85	0.00
87 M	1,2-Dichlorobenzene	20.000	18.508	7.5	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.819	10.9	88	0.01
89	1,2,4-Trichlorobenzene	20.000	16.117	19.4	87	0.00
90	Hexachlorobutadiene	20.000	18.682	6.6	91	0.00
91 M	Naphthalene	20.000	16.144	19.3	84	0.00
92	1,2,3-Trichlorobenzene	20.000	16.106	19.5	84	0.00

(#) = Out of Range

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