

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076903.D
 Acq On : 09 Mar 2023 15:18
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 10 01:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 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	80	0.00
2 M	Dichlorodifluoromethane	20.000	22.261	-11.3	97	0.00
3 M	Chloromethane	20.000	17.057	14.7	76	0.00
4 M	Vinyl Chloride	20.000	16.915	15.4	75	0.00
5 M	Bromomethane	20.000	17.183	14.1	79	0.00
6 M	Chloroethane	20.000	17.141	14.3	77	0.00
7 M	Trichlorofluoromethane	20.000	22.190	-11.0	99	0.00
8 T	Diethyl Ether	20.000	21.167	-5.8	95	0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	21.617	-8.1	96	0.00
10 M	1,1-Dichloroethene	20.000	20.538	-2.7	91	0.00
11	Methyl Iodide	20.000	12.430	37.9#	55	0.00
12	Methyl Acetate	20.000	19.976	0.1	89	0.00
13 M	Acrolein	100.000	106.909	-6.9	96	0.00
14 M	Acrylonitrile	100.000	100.875	-0.9	91	0.00
15 M	Acetone	100.000	101.085	-1.1	89	0.01
16 M	Carbon Disulfide	20.000	20.630	-3.1	92	0.00
17	Allyl chloride	20.000	19.639	1.8	90	0.00
18 M	Methylene Chloride	20.000	21.060	-5.3	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.743	-3.7	94	0.00
20 T	Diisopropyl ether	20.000	20.845	-4.2	91	0.00
21 M	1,1-Dichloroethane	20.000	21.058	-5.3	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.091	-5.5	92	0.00
23 M	tert-Butyl Alcohol	100.000	98.979	1.0	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	22.052	-10.3	97	0.00
25 M	Chloroform	20.000	21.149	-5.7	96	0.00
26	Cyclohexane	20.000	19.875	0.6	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.993	0.0	78	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	72	0.00
29	1,1-Dichloropropene	20.000	23.013	-15.1	97	0.00
30 M	2-Butanone	100.000	103.745	-3.7	87	0.00
31	2,2-Dichloropropane	20.000	23.685	-18.4	98	0.00
32 M	1,1,1-Trichloroethane	20.000	23.465	-17.3	98	0.00
33 M	Carbon Tetrachloride	20.000	23.989	-19.9	101	0.00
34 M	Benzene	20.000	22.404	-12.0	94	0.00
35	Methacrylonitrile	20.000	22.695	-13.5	97	0.00
36 M	1,2-Dichloroethane	20.000	23.463	-17.3	99	0.00
37 M	Trichloroethene	20.000	21.257	-6.3	89	0.00
38	Methylcyclohexane	20.000	22.255	-11.3	93	0.00
39 M	1,2-Dichloropropane	20.000	21.650	-8.2	89	0.00
40	Dibromomethane	20.000	22.859	-14.3	95	0.00
41 M	Bromodichloromethane	20.000	23.475	-17.4	98	0.00
42 M	Vinyl Acetate	100.000	109.365	-9.4	92	0.00
43	Ethyl Acetate	20.000	22.062	-10.3	92	0.00
44	Isopropyl Acetate	20.000	21.741	-8.7	90	0.00
45 T	1,4-Dioxane	400.000	426.660	-6.7	88	0.00
46	Methyl methacrylate	20.000	21.868	-9.3	90	0.00
47	n-amyl Acetate	20.000	22.389	-11.9	96	0.00
48 M	t-1,3-Dichloropropene	20.000	22.968	-14.8	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	22.531	-12.7	95	0.00
50 M	1,1,2-Trichloroethane	20.000	22.463	-12.3	96	0.00
51	Ethyl methacrylate	20.000	22.375	-11.9	93	0.00
52	1,3-Dichloropropane	20.000	22.332	-11.7	94	0.00
53 M	Dibromochloromethane	20.000	23.565	-17.8	99	0.00
54 M	1,2-Dibromoethane	20.000	22.340	-11.7	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	125.999	-26.0#	104	0.00
56 M	Bromoform	20.000	24.073	-20.4	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	75	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.105	-6.1	89	0.00
59 M	2-Hexanone	100.000	105.467	-5.5	88	0.00
60 S	4-Bromofluorobenzene	30.000	30.501	-1.7	76	0.00
61 M	Tetrachloroethene	20.000	19.600	2.0	83	0.00
62 M	Toluene	20.000	22.445	-12.2	95	0.00
63 S	Toluene-d8	30.000	29.506	1.6	72	0.00
64 M	Chlorobenzene	20.000	22.345	-11.7	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	22.995	-15.0	99	0.00
66 M	Ethyl Benzene	20.000	22.867	-14.3	96	0.00
67 M	m/p-Xylenes	40.000	45.467	-13.7	94	0.00
68 M	o-Xylene	20.000	23.036	-15.2	96	0.00
69 M	Styrene	20.000	23.085	-15.4	95	0.00
70	Isopropylbenzene	20.000	23.414	-17.1	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	23.640	-18.2	100	0.00
72	1,2,3-Trichloropropane	20.000	22.400	-12.0	97	0.00
73	Bromobenzene	20.000	22.692	-13.5	97	0.00
74	n-propylbenzene	20.000	22.682	-13.4	95	0.00
75	2-Chlorotoluene	20.000	23.403	-17.0	98	0.00
76	1,3,5-Trimethylbenzene	20.000	23.585	-17.9	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.603	-8.0	91	0.00
78	4-Chlorotoluene	20.000	23.282	-16.4	98	0.00
79	tert-butylbenzene	20.000	23.719	-18.6	100	0.00
80	1,2,4-Trimethylbenzene	20.000	23.696	-18.5	98	0.00
81	sec-Butylbenzene	20.000	23.509	-17.5	97	0.00
82	p-Isopropyltoluene	20.000	23.570	-17.9	97	0.00
83 M	1,3-Dichlorobenzene	20.000	22.436	-12.2	95	0.00
84 M	1,4-Dichlorobenzene	20.000	22.534	-12.7	96	0.00
85	n-Butylbenzene	20.000	22.919	-14.6	97	0.00
86 T	Hexachloroethane	20.000	22.224	-11.1	95	0.00
87 M	1,2-Dichlorobenzene	20.000	23.207	-16.0	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.852	-14.3	100	0.00
89	1,2,4-Trichlorobenzene	20.000	22.653	-13.3	98	0.00
90	Hexachlorobutadiene	20.000	23.942	-19.7	102	0.00
91 M	Naphthalene	20.000	23.098	-15.5	98	0.00
92	1,2,3-Trichlorobenzene	20.000	23.764	-18.8	100	0.00

(#) = Out of Range

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