

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041023\
 Data File : VN077284.D
 Acq On : 10 Apr 2023 09:48
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 11 01:19:23 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	107	0.00
2 M	Dichlorodifluoromethane	20.000	19.852	0.7	115	0.00
3 M	Chloromethane	20.000	17.927	10.4	104	0.00
4 M	Vinyl Chloride	20.000	17.497	12.5	101	0.00
5 M	Bromomethane	20.000	16.537	17.3	105	0.00
6 M	Chloroethane	20.000	17.832	10.8	102	0.01
7 M	Trichlorofluoromethane	20.000	19.782	1.1	116	0.00
8 T	Diethyl Ether	20.000	20.076	-0.4	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.344	-1.7	117	0.00
10 M	1,1-Dichloroethene	20.000	19.604	2.0	117	0.00
11	Methyl Iodide	20.000	20.179	-0.9	113	0.00
12	Methyl Acetate	20.000	17.980	10.1	104	0.00
13 M	Acrolein	100.000	98.100	1.9	108	0.00
14 M	Acrylonitrile	100.000	89.399	10.6	104	0.00
15 M	Acetone	100.000	88.225	11.8	87	0.00
16 M	Carbon Disulfide	20.000	19.079	4.6	113	0.00
17	Allyl chloride	20.000	18.515	7.4	102	0.00
18 M	Methylene Chloride	20.000	19.558	2.2	116	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.533	2.3	115	0.00
20 T	Diisopropyl ether	20.000	19.056	4.7	112	0.00
21 M	1,1-Dichloroethane	20.000	19.752	1.2	116	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.625	1.9	117	0.00
23 M	tert-Butyl Alcohol	100.000	86.278	13.7	95	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.315	3.4	111	0.00
25 M	Chloroform	20.000	18.783	6.1	110	0.00
26	Cyclohexane	20.000	19.478	2.6	115	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.700	1.0	108	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	19.941	0.3	115	0.00
30 M	2-Butanone	100.000	86.637	13.4	93	0.00
31	2,2-Dichloropropane	20.000	20.401	-2.0	119	0.00
32 M	1,1,1-Trichloroethane	20.000	19.526	2.4	111	0.00
33 M	Carbon Tetrachloride	20.000	20.420	-2.1	116	0.00
34 M	Benzene	20.000	19.790	1.1	113	0.00
35	Methacrylonitrile	20.000	18.745	6.3	109	0.00
36 M	1,2-Dichloroethane	20.000	19.595	2.0	111	0.00
37 M	Trichloroethene	20.000	19.781	1.1	116	0.00
38	Methylcyclohexane	20.000	19.630	1.9	114	0.00
39 M	1,2-Dichloropropane	20.000	19.683	1.6	112	0.00
40	Dibromomethane	20.000	19.670	1.6	113	0.00
41 M	Bromodichloromethane	20.000	19.958	0.2	114	0.00
42 M	Vinyl Acetate	100.000	92.520	7.5	107	0.00
43	Ethyl Acetate	20.000	18.178	9.1	105	0.00
44	Isopropyl Acetate	20.000	18.822	5.9	106	0.00
45 T	1,4-Dioxane	400.000	354.729	11.3	99	0.00
46	Methyl methacrylate	20.000	18.685	6.6	108	0.00
47	n-amyl Acetate	20.000	18.253	8.7	106	0.00
48 M	t-1,3-Dichloropropene	20.000	19.722	1.4	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.212	-1.1	117	0.00
50 M	1,1,2-Trichloroethane	20.000	19.321	3.4	113	0.00
51	Ethyl methacrylate	20.000	19.607	2.0	113	0.00
52	1,3-Dichloropropane	20.000	19.292	3.5	112	0.00
53 M	Dibromochloromethane	20.000	20.306	-1.5	118	0.00
54 M	1,2-Dibromoethane	20.000	19.428	2.9	111	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.068	15.9	96	0.00
56 M	Bromoform	20.000	19.566	2.2	113	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.088	9.9	101	0.00
59 M	2-Hexanone	100.000	87.015	13.0	96	0.00
60 S	4-Bromofluorobenzene	30.000	31.236	-4.1	115	0.00
61 M	Tetrachloroethene	20.000	19.807	1.0	117	0.00
62 M	Toluene	20.000	20.088	-0.4	116	0.00
63 S	Toluene-d8	30.000	30.420	-1.4	112	0.00
64 M	Chlorobenzene	20.000	20.131	-0.7	117	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.643	-3.2	117	0.00
66 M	Ethyl Benzene	20.000	20.157	-0.8	117	0.00
67 M	m/p-Xylenes	40.000	40.708	-1.8	120	0.00
68 M	o-Xylene	20.000	20.397	-2.0	118	0.00
69 M	Styrene	20.000	20.241	-1.2	119	0.00
70	Isopropylbenzene	20.000	20.187	-0.9	117	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.307	3.5	112	0.00
72	1,2,3-Trichloropropane	20.000	23.353	-16.8	126	0.00
73	Bromobenzene	20.000	20.122	-0.6	116	0.00
74	n-propylbenzene	20.000	20.835	-4.2	123	0.00
75	2-Chlorotoluene	20.000	20.672	-3.4	119	0.00
76	1,3,5-Trimethylbenzene	20.000	20.529	-2.6	118	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.760	1.2	115	0.00
78	4-Chlorotoluene	20.000	20.442	-2.2	121	0.00
79	tert-butylbenzene	20.000	20.482	-2.4	117	0.00
80	1,2,4-Trimethylbenzene	20.000	20.324	-1.6	115	0.00
81	sec-Butylbenzene	20.000	20.589	-2.9	117	0.00
82	p-Isopropyltoluene	20.000	20.421	-2.1	117	0.00
83 M	1,3-Dichlorobenzene	20.000	20.388	-1.9	122	0.00
84 M	1,4-Dichlorobenzene	20.000	20.374	-1.9	121	0.00
85	n-Butylbenzene	20.000	20.540	-2.7	124	0.00
86 T	Hexachloroethane	20.000	20.162	-0.8	118	0.00
87 M	1,2-Dichlorobenzene	20.000	20.211	-1.1	116	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.176	9.1	110	0.00
89	1,2,4-Trichlorobenzene	20.000	16.638	16.8	109	0.00
90	Hexachlorobutadiene	20.000	20.800	-4.0	124	0.00
91 M	Naphthalene	20.000	14.928	25.4#	95	0.00
92	1,2,3-Trichlorobenzene	20.000	15.587	22.1	99	0.00

(#) = Out of Range

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