

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041023\
 Data File : VN077289.D
 Acq On : 10 Apr 2023 16:31
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 11 01:23:27 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	18.127	9.4	94	0.00
3 M	Chloromethane	20.000	17.365	13.2	90	0.00
4 M	Vinyl Chloride	20.000	17.952	10.2	93	0.00
5 M	Bromomethane	20.000	16.409	18.0	93	0.02
6 M	Chloroethane	20.000	16.806	16.0	86	0.01
7 M	Trichlorofluoromethane	20.000	18.891	5.5	100	0.00
8 T	Diethyl Ether	20.000	18.019	9.9	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.638	6.8	96	0.00
10 M	1,1-Dichloroethene	20.000	18.234	8.8	97	0.00
11	Methyl Iodide	20.000	19.536	2.3	98	0.00
12	Methyl Acetate	20.000	17.194	14.0	89	0.00
13 M	Acrolein	100.000	97.567	2.4	96	0.00
14 M	Acrylonitrile	100.000	81.936	18.1	86	0.00
15 M	Acetone	100.000	63.071	36.9#	56	0.00
16 M	Carbon Disulfide	20.000	17.853	10.7	95	0.00
17	Allyl chloride	20.000	16.744	16.3	83	0.00
18 M	Methylene Chloride	20.000	18.885	5.6	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.849	5.8	100	0.00
20 T	Diisopropyl ether	20.000	17.820	10.9	94	0.00
21 M	1,1-Dichloroethane	20.000	18.973	5.1	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.582	2.1	105	0.00
23 M	tert-Butyl Alcohol	100.000	82.479	17.5	81	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.630	6.9	96	0.00
25 M	Chloroform	20.000	18.926	5.4	100	0.00
26	Cyclohexane	20.000	18.099	9.5	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.398	2.0	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	18.842	5.8	99	0.00
30 M	2-Butanone	100.000	74.996	25.0#	73	0.00
31	2,2-Dichloropropane	20.000	17.568	12.2	93	0.00
32 M	1,1,1-Trichloroethane	20.000	18.767	6.2	97	0.00
33 M	Carbon Tetrachloride	20.000	18.762	6.2	97	0.00
34 M	Benzene	20.000	18.868	5.7	98	0.00
35	Methacrylonitrile	20.000	16.931	15.3	90	0.00
36 M	1,2-Dichloroethane	20.000	18.468	7.7	95	0.00
37 M	Trichloroethene	20.000	18.566	7.2	99	0.00
38	Methylcyclohexane	20.000	18.733	6.3	99	0.00
39 M	1,2-Dichloropropane	20.000	18.813	5.9	98	0.00
40	Dibromomethane	20.000	18.373	8.1	96	0.00
41 M	Bromodichloromethane	20.000	18.889	5.6	98	0.00
42 M	Vinyl Acetate	100.000	84.523	15.5	89	0.00
43	Ethyl Acetate	20.000	16.207	19.0	85	0.00
44	Isopropyl Acetate	20.000	17.831	10.8	91	0.00
45 T	1,4-Dioxane	400.000	343.644	14.1	87	0.00
46	Methyl methacrylate	20.000	16.896	15.5	89	0.00
47	n-amyl Acetate	20.000	17.265	13.7	91	0.00
48 M	t-1,3-Dichloropropene	20.000	18.396	8.0	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.820	5.9	99	0.00
50 M	1,1,2-Trichloroethane	20.000	18.718	6.4	100	0.00
51	Ethyl methacrylate	20.000	18.137	9.3	95	0.00
52	1,3-Dichloropropane	20.000	18.342	8.3	97	0.00
53 M	Dibromochloromethane	20.000	19.224	3.9	102	0.00
54 M	1,2-Dibromoethane	20.000	18.518	7.4	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.763	10.2	93	0.00
56 M	Bromoform	20.000	17.325	13.4	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	84.689	15.3	87	0.00
59 M	2-Hexanone	100.000	77.547	22.5	78	0.00
60 S	4-Bromofluorobenzene	30.000	28.821	3.9	97	0.00
61 M	Tetrachloroethene	20.000	19.235	3.8	104	0.00
62 M	Toluene	20.000	18.814	5.9	100	0.00
63 S	Toluene-d8	30.000	29.864	0.5	100	0.00
64 M	Chlorobenzene	20.000	18.566	7.2	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.279	3.6	100	0.00
66 M	Ethyl Benzene	20.000	18.749	6.3	100	0.00
67 M	m/p-Xylenes	40.000	37.877	5.3	102	0.00
68 M	o-Xylene	20.000	18.871	5.6	100	0.00
69 M	Styrene	20.000	18.540	7.3	100	0.00
70	Isopropylbenzene	20.000	18.724	6.4	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.973	10.1	95	0.00
72	1,2,3-Trichloropropane	20.000	18.891	5.5	94	0.00
73	Bromobenzene	20.000	18.534	7.3	98	0.00
74	n-propylbenzene	20.000	19.177	4.1	103	0.00
75	2-Chlorotoluene	20.000	18.781	6.1	100	0.00
76	1,3,5-Trimethylbenzene	20.000	19.317	3.4	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.581	17.1	88	0.00
78	4-Chlorotoluene	20.000	18.621	6.9	101	0.00
79	tert-butylbenzene	20.000	19.186	4.1	100	0.00
80	1,2,4-Trimethylbenzene	20.000	18.862	5.7	98	0.00
81	sec-Butylbenzene	20.000	19.076	4.6	100	0.00
82	p-Isopropyltoluene	20.000	18.813	5.9	99	0.00
83 M	1,3-Dichlorobenzene	20.000	18.290	8.6	100	0.00
84 M	1,4-Dichlorobenzene	20.000	18.484	7.6	101	0.00
85	n-Butylbenzene	20.000	18.373	8.1	101	0.00
86 T	Hexachloroethane	20.000	19.100	4.5	102	0.00
87 M	1,2-Dichlorobenzene	20.000	18.164	9.2	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.552	17.2	92	0.00
89	1,2,4-Trichlorobenzene	20.000	15.903	20.5	96	0.00
90	Hexachlorobutadiene	20.000	18.629	6.9	102	0.00
91 M	Naphthalene	20.000	14.851	25.7#	87	0.00
92	1,2,3-Trichlorobenzene	20.000	15.325	23.4	89	0.00

(#) = Out of Range

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