

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078727.D
 Acq On : 01 Aug 2023 20:14
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 02 04:52:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 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	125	-0.46
2 M	Dichlorodifluoromethane	20.000	7.971	60.1#	56	1.24#
3 M	Chloromethane	20.000	0.016	99.9#	0	-0.09
4 M	Vinyl Chloride	20.000	0.008	100.0#	0	-0.33
5 M	Bromomethane	20.000	0.000	100.0#	0	-2.97#
6 M	Chloroethane	20.000	0.106	99.5#	1	0.22
7 M	Trichlorofluoromethane	20.000	10.581	47.1#	71	-0.12
8 T	Diethyl Ether	20.000	0.000	100.0#	0	-3.98#
9	1,1,2-Trichlorotrifluoroeth	20.000	0.000	100.0#	0	-4.38#
10 M	1,1-Dichloroethene	20.000	0.000	100.0#	0	-4.35#
11	Methyl Iodide	20.000	0.000	100.0#	0	-4.60#
12	Methyl Acetate	20.000	7.889	60.6#	54	-0.16
13 M	Acrolein	100.000	0.180	99.8#	0	-0.16
14 M	Acrylonitrile	100.000	0.067	99.9#	0	-0.24
15 M	Acetone	100.000	0.200	99.8#	0	-0.41
16 M	Carbon Disulfide	20.000	0.009	100.0#	0	-0.53#
17	Allyl chloride	20.000	0.051	99.7#	0	-0.24
18 M	Methylene Chloride	20.000	0.000	100.0#	0	-5.29#
19 M	trans-1,2-Dichloroethene	20.000	0.056	99.7#	0	0.05
20 T	Diisopropyl ether	20.000	0.007	100.0#	0	-0.32
21 M	1,1-Dichloroethane	20.000	0.008	100.0#	0	-0.44
22 M	cis-1,2-Dichloroethene	20.000	19.880	0.6	130	-0.53#
23 M	tert-Butyl Alcohol	100.000	0.102	99.9#	0	-0.43
24 M	Methyl tert-Butyl Ether	20.000	0.009	100.0#	0	-0.55#
25 M	Chloroform	20.000	0.008	100.0#	0	-0.28
26	Cyclohexane	20.000	22.478	-12.4	142	-0.29
27 s	1,2-Dichloroethane-d4	30.000	25.210	16.0	108	-0.32
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	-0.25
29	1,1-Dichloropropene	20.000	21.841	-9.2	107	-0.35
30 M	2-Butanone	100.000	0.078	99.9#	0	0.01
31	2,2-Dichloropropane	20.000	0.198	99.0#	1	0.38
32 M	1,1,1-Trichloroethane	20.000	24.641	-23.2	118	-0.39
33 M	Carbon Tetrachloride	20.000	22.341	-11.7	109	-0.36
34 M	Benzene	20.000	22.263	-11.3	108	-0.32
35	Methacrylonitrile	20.000	21.085	-5.4	103	-0.45
36 M	1,2-Dichloroethane	20.000	22.259	-11.3	105	-0.30
37 M	Trichloroethene	20.000	0.034	99.8#	0	-0.11
38	Methylcyclohexane	20.000	23.966	-19.8	123	-0.20
39 M	1,2-Dichloropropane	20.000	0.035	99.8#	0	-0.10
40	Dibromomethane	20.000	23.930	-19.6	118	-0.19
41 M	Bromodichloromethane	20.000	21.068	-5.3	101	-0.16
42 M	Vinyl Acetate	100.000	0.022	100.0#	0	0.00
43	Ethyl Acetate	20.000	0.057	99.7#	0	-0.32
44	Isopropyl Acetate	20.000	0.171	99.1#	1	0.00
45 T	1,4-Dioxane	400.000	5.995	98.5#	2	-0.08
46	Methyl methacrylate	20.000	23.700	-18.5	119	-0.17
47	n-amyl Acetate	20.000	24.256	-21.3	120	-0.02
48 M	t-1,3-Dichloropropene	20.000	0.028	99.9#	0	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	27.720	-38.6#	136	-0.13
50 M	1,1,2-Trichloroethane	20.000	20.749	-3.7	94	-0.09
51	Ethyl methacrylate	20.000	24.904	-24.5	116	-0.08
52	1,3-Dichloropropane	20.000	25.727	-28.6#	131	-0.08
53 M	Dibromochloromethane	20.000	19.939	0.3	92	-0.07
54 M	1,2-Dibromoethane	20.000	20.581	-2.9	94	-0.08
55 M	2-Chloroethyl vinyl ether	100.000	110.654	-10.7	102	-0.14
56 M	Bromoform	20.000	24.747	-23.7	126	-0.04
57 I	Chlorobenzene-d5	30.000	30.000	0.0	133	-0.05
58 M	4-Methyl-2-Pentanone	100.000	92.967	7.0	134	-0.12
59 M	2-Hexanone	100.000	87.438	12.6	122	-0.07
60 S	4-Bromofluorobenzene	30.000	26.993	10.0	129	-0.02
61 M	Tetrachloroethene	20.000	13.089	34.6#	94	-0.09
62 M	Toluene	20.000	14.680	26.6#	104	-0.11
63 S	Toluene-d8	30.000	23.396	22.0	109	-0.12
64 M	Chlorobenzene	20.000	19.944	0.3	139	-0.05
65	1,1,1,2-Tetrachloroethane	20.000	19.862	0.7	136	-0.05
66 M	Ethyl Benzene	20.000	20.202	-1.0	139	-0.05
67 M	m/p-Xylenes	40.000	39.586	1.0	138	-0.05
68 M	o-Xylene	20.000	17.107	14.5	124	-0.04
69 M	Styrene	20.000	16.269	18.7	123	-0.04
70	Isopropylbenzene	20.000	18.024	9.9	129	-0.03
71 M	1,1,2,2-Tetrachloroethane	20.000	17.920	10.4	130	-0.02
72	1,2,3-Trichloropropane	20.000	24.234	-21.2	181	-0.02
73	Bromobenzene	20.000	16.494	17.5	118	-0.02
74	n-propylbenzene	20.000	15.606	22.0	115	-0.02
75	2-Chlorotoluene	20.000	13.985	30.1#	112	-0.02
76	1,3,5-Trimethylbenzene	20.000	13.628	31.9#	107	-0.02
77	t-1,4-Dichloro-2-butene	20.000	16.104	19.5	118	-0.02
78	4-Chlorotoluene	20.000	12.619	36.9#	97	-0.02
79	tert-butylbenzene	20.000	12.380	38.1#	99	-0.01
80	1,2,4-Trimethylbenzene	20.000	12.172	39.1#	93	-0.01
81	sec-Butylbenzene	20.000	11.076	44.6#	90	-0.02
82	p-Isopropyltoluene	20.000	10.528	47.4#	81	-0.01
83 M	1,3-Dichlorobenzene	20.000	10.743	46.3#	81	-0.02
84 M	1,4-Dichlorobenzene	20.000	10.690	46.6#	81	-0.01
85	n-Butylbenzene	20.000	10.359	48.2#	78	0.00
86 T	Hexachloroethane	20.000	12.467	37.7#	93	0.00
87 M	1,2-Dichlorobenzene	20.000	11.424	42.9#	85	-0.01
88	1,2-Dibromo-3-Chloropropane	20.000	10.785	46.1#	84	0.00
89	1,2,4-Trichlorobenzene	20.000	9.608	52.0#	70	0.00
90	Hexachlorobutadiene	20.000	11.578	42.1#	81	0.00
91 M	Naphthalene	20.000	8.464	57.7#	61	0.00
92	1,2,3-Trichlorobenzene	20.000	10.109	49.5#	72	0.00

(#) = Out of Range

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