

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078743.D
 Acq On : 03 Aug 2023 10:37
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 04 06:29:27 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	81	0.00
2 M	Dichlorodifluoromethane	20.000	18.038	9.8	82	0.00
3 M	Chloromethane	20.000	26.828	-34.1#	108	0.00
4 M	Vinyl Chloride	20.000	21.755	-8.8	94	0.00
5 M	Bromomethane	20.000	18.447	7.8	82	0.00
6 M	Chloroethane	20.000	21.106	-5.5	97	0.00
7 M	Trichlorofluoromethane	20.000	20.254	-1.3	88	0.00
8 T	Diethyl Ether	20.000	19.755	1.2	88	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.924	0.4	91	0.00
10 M	1,1-Dichloroethene	20.000	20.248	-1.2	88	0.00
11	Methyl Iodide	20.000	17.654	11.7	79	0.00
12	Methyl Acetate	20.000	19.413	2.9	87	0.00
13 M	Acrolein	100.000	89.372	10.6	80	0.00
14 M	Acrylonitrile	100.000	96.927	3.1	87	0.00
15 M	Acetone	100.000	88.278	11.7	80	0.00
16 M	Carbon Disulfide	20.000	19.070	4.6	82	0.00
17	Allyl chloride	20.000	18.564	7.2	76	0.00
18 M	Methylene Chloride	20.000	20.684	-3.4	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.579	2.1	88	0.00
20 T	Diisopropyl ether	20.000	21.198	-6.0	92	0.00
21 M	1,1-Dichloroethane	20.000	20.994	-5.0	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.846	-4.2	89	0.00
23 M	tert-Butyl Alcohol	100.000	90.378	9.6	80	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.637	1.8	86	0.00
25 M	Chloroform	20.000	21.510	-7.6	94	0.00
26	Cyclohexane	20.000	19.608	2.0	80	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.336	-1.1	84	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	20.125	-0.6	89	0.00
30 M	2-Butanone	100.000	94.477	5.5	82	0.00
31	2,2-Dichloropropane	20.000	19.279	3.6	83	0.00
32 M	1,1,1-Trichloroethane	20.000	20.128	-0.6	87	0.00
33 M	Carbon Tetrachloride	20.000	20.659	-3.3	91	0.00
34 M	Benzene	20.000	20.893	-4.5	92	0.00
35	Methacrylonitrile	20.000	18.073	9.6	79	0.00
36 M	1,2-Dichloroethane	20.000	20.836	-4.2	89	0.00
37 M	Trichloroethene	20.000	19.461	2.7	89	0.00
38	Methylcyclohexane	20.000	17.614	11.9	81	0.00
39 M	1,2-Dichloropropane	20.000	19.894	0.5	92	0.00
40	Dibromomethane	20.000	20.846	-4.2	93	0.00
41 M	Bromodichloromethane	20.000	21.453	-7.3	93	0.00
42 M	Vinyl Acetate	100.000	94.693	5.3	82	0.00
43	Ethyl Acetate	20.000	21.068	-5.3	82	0.00
44	Isopropyl Acetate	20.000	18.937	5.3	80	0.00
45 T	1,4-Dioxane	400.000	366.612	8.3	86	0.00
46	Methyl methacrylate	20.000	19.291	3.5	87	0.00
47	n-amyl Acetate	20.000	17.722	11.4	79	0.00
48 M	t-1,3-Dichloropropene	20.000	22.060	-10.3	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.943	0.3	88	0.00
50 M	1,1,2-Trichloroethane	20.000	22.704	-13.5	93	0.00
51	Ethyl methacrylate	20.000	21.930	-9.6	92	0.00
52	1,3-Dichloropropane	20.000	18.617	6.9	85	0.00
53 M	Dibromochloromethane	20.000	19.610	2.0	82	0.00
54 M	1,2-Dibromoethane	20.000	19.641	1.8	81	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.654	0.3	83	0.00
56 M	Bromoform	20.000	19.588	2.1	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.466	-0.5	86	0.00
59 M	2-Hexanone	100.000	94.578	5.4	78	0.00
60 S	4-Bromofluorobenzene	30.000	28.662	4.5	81	0.00
61 M	Tetrachloroethene	20.000	21.935	-9.7	94	0.00
62 M	Toluene	20.000	21.063	-5.3	89	0.00
63 S	Toluene-d8	30.000	30.268	-0.9	84	0.00
64 M	Chlorobenzene	20.000	21.405	-7.0	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	22.508	-12.5	92	0.00
66 M	Ethyl Benzene	20.000	21.266	-6.3	87	0.00
67 M	m/p-Xylenes	40.000	42.548	-6.4	88	0.00
68 M	o-Xylene	20.000	20.328	-1.6	88	0.00
69 M	Styrene	20.000	19.824	0.9	89	0.00
70	Isopropylbenzene	20.000	20.780	-3.9	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.119	-0.6	87	0.00
72	1,2,3-Trichloropropane	20.000	21.677	-8.4	96	0.00
73	Bromobenzene	20.000	20.156	-0.8	86	0.00
74	n-propylbenzene	20.000	20.225	-1.1	88	0.00
75	2-Chlorotoluene	20.000	19.102	4.5	91	0.00
76	1,3,5-Trimethylbenzene	20.000	19.127	4.4	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.868	5.7	82	0.00
78	4-Chlorotoluene	20.000	18.222	8.9	83	0.00
79	tert-butylbenzene	20.000	18.146	9.3	86	0.00
80	1,2,4-Trimethylbenzene	20.000	18.773	6.1	86	0.00
81	sec-Butylbenzene	20.000	18.572	7.1	90	0.00
82	p-Isopropyltoluene	20.000	17.977	10.1	82	0.00
83 M	1,3-Dichlorobenzene	20.000	18.889	5.6	85	0.00
84 M	1,4-Dichlorobenzene	20.000	18.468	7.7	83	0.00
85	n-Butylbenzene	20.000	16.676	16.6	75	0.00
86 T	Hexachloroethane	20.000	19.310	3.5	86	0.00
87 M	1,2-Dichlorobenzene	20.000	19.535	2.3	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.348	18.3	76	0.00
89	1,2,4-Trichlorobenzene	20.000	15.444	22.8	67	0.00
90	Hexachlorobutadiene	20.000	18.184	9.1	76	0.00
91 M	Naphthalene	20.000	13.018	34.9#	56	0.00
92	1,2,3-Trichlorobenzene	20.000	15.858	20.7	67	0.00

(#) = Out of Range

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