

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079106.D
 Acq On : 29 Aug 2023 20:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 30 00:04:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 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	79	0.00
2 M	Dichlorodifluoromethane	20.000	20.212	-1.1	80	0.00
3 M	Chloromethane	20.000	19.700	1.5	78	0.00
4 M	Vinyl Chloride	20.000	21.399	-7.0	84	0.00
5 M	Bromomethane	20.000	20.134	-0.7	82	0.00
6 M	Chloroethane	20.000	22.987	-14.9	93	0.00
7 M	Trichlorofluoromethane	20.000	20.400	-2.0	83	0.00
8 T	Diethyl Ether	20.000	18.259	8.7	71	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.211	-1.1	80	0.00
10 M	1,1-Dichloroethene	20.000	19.404	3.0	75	0.00
11	Methyl Iodide	20.000	19.958	0.2	79	0.00
12	Methyl Acetate	20.000	21.331	-6.7	83	0.00
13 M	Acrolein	100.000	0.560	99.4#	0	0.08
14 M	Acrylonitrile	100.000	108.838	-8.8	84	-0.01
15 M	Acetone	100.000	88.085	11.9	71	0.00
16 M	Carbon Disulfide	20.000	18.079	9.6	70	0.00
17	Allyl chloride	20.000	18.263	8.7	72	0.00
18 M	Methylene Chloride	20.000	20.311	-1.6	79	0.01
19 M	trans-1,2-Dichloroethene	20.000	11.548	42.3#	47	0.00
20 T	Diisopropyl ether	20.000	20.819	-4.1	81	0.00
21 M	1,1-Dichloroethane	20.000	21.053	-5.3	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.851	-9.3	82	0.00
23 M	tert-Butyl Alcohol	100.000	102.812	-2.8	77	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.974	0.1	76	0.00
25 M	Chloroform	20.000	21.094	-5.5	84	0.00
26	Cyclohexane	20.000	20.992	-5.0	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.901	-3.0	82	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	78	0.00
29	1,1-Dichloropropene	20.000	20.457	-2.3	76	0.00
30 M	2-Butanone	100.000	101.164	-1.2	79	0.00
31	2,2-Dichloropropane	20.000	16.804	16.0	64	0.00
32 M	1,1,1-Trichloroethane	20.000	20.623	-3.1	79	0.00
33 M	Carbon Tetrachloride	20.000	21.314	-6.6	81	0.00
34 M	Benzene	20.000	20.944	-4.7	80	0.00
35	Methacrylonitrile	20.000	19.993	0.0	75	0.00
36 M	1,2-Dichloroethane	20.000	20.824	-4.1	81	0.00
37 M	Trichloroethene	20.000	19.778	1.1	78	0.00
38	Methylcyclohexane	20.000	20.823	-4.1	79	0.00
39 M	1,2-Dichloropropane	20.000	21.551	-7.8	85	0.00
40	Dibromomethane	20.000	22.080	-10.4	84	0.00
41 M	Bromodichloromethane	20.000	21.372	-6.9	82	0.00
42 M	Vinyl Acetate	100.000	102.896	-2.9	77	0.00
43	Ethyl Acetate	20.000	19.872	0.6	79	0.00
44	Isopropyl Acetate	20.000	23.522	-17.6	89	0.00
45 T	1,4-Dioxane	400.000	438.785	-9.7	84	0.00
46	Methyl methacrylate	20.000	20.754	-3.8	78	0.00
47	n-amyl Acetate	20.000	19.714	1.4	73	0.00
48 M	t-1,3-Dichloropropene	20.000	19.705	1.5	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.543	-2.7	78	0.00
50 M	1,1,2-Trichloroethane	20.000	22.218	-11.1	83	0.00
51	Ethyl methacrylate	20.000	20.960	-4.8	78	0.00
52	1,3-Dichloropropane	20.000	20.869	-4.3	80	0.00
53 M	Dibromochloromethane	20.000	21.048	-5.2	83	0.00
54 M	1,2-Dibromoethane	20.000	21.085	-5.4	81	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.440	1.6	80	0.00
56 M	Bromoform	20.000	20.461	-2.3	79	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	76	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.016	-8.0	83	0.00
59 M	2-Hexanone	100.000	107.754	-7.8	82	0.00
60 S	4-Bromofluorobenzene	30.000	30.411	-1.4	77	0.00
61 M	Tetrachloroethene	20.000	22.038	-10.2	84	0.00
62 M	Toluene	20.000	20.894	-4.5	79	0.00
63 S	Toluene-d8	30.000	31.522	-5.1	81	0.00
64 M	Chlorobenzene	20.000	20.661	-3.3	78	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.127	-5.6	80	0.00
66 M	Ethyl Benzene	20.000	20.470	-2.3	79	0.00
67 M	m/p-Xylenes	40.000	41.280	-3.2	77	0.00
68 M	o-Xylene	20.000	20.988	-4.9	80	0.00
69 M	Styrene	20.000	21.016	-5.1	78	0.00
70	Isopropylbenzene	20.000	21.307	-6.5	80	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.631	-13.2	86	0.00
72	1,2,3-Trichloropropane	20.000	24.038	-20.2	94	0.00
73	Bromobenzene	20.000	20.279	-1.4	77	0.00
74	n-propylbenzene	20.000	21.856	-9.3	82	0.00
75	2-Chlorotoluene	20.000	21.414	-7.1	81	0.00
76	1,3,5-Trimethylbenzene	20.000	22.749	-13.7	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.509	7.5	71	0.00
78	4-Chlorotoluene	20.000	21.286	-6.4	80	0.00
79	tert-butylbenzene	20.000	21.898	-9.5	85	0.00
80	1,2,4-Trimethylbenzene	20.000	22.323	-11.6	83	0.00
81	sec-Butylbenzene	20.000	22.796	-14.0	84	0.00
82	p-Isopropyltoluene	20.000	22.254	-11.3	81	0.00
83 M	1,3-Dichlorobenzene	20.000	22.027	-10.1	85	0.00
84 M	1,4-Dichlorobenzene	20.000	20.558	-2.8	76	0.00
85	n-Butylbenzene	20.000	21.280	-6.4	78	0.00
86 T	Hexachloroethane	20.000	23.261	-16.3	90	0.00
87 M	1,2-Dichlorobenzene	20.000	21.899	-9.5	82	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.859	-4.3	75	0.00
89	1,2,4-Trichlorobenzene	20.000	19.872	0.6	71	0.00
90	Hexachlorobutadiene	20.000	21.587	-7.9	75	0.00
91 M	Naphthalene	20.000	16.877	15.6	60	0.00
92	1,2,3-Trichlorobenzene	20.000	19.872	0.6	71	0.00

(#) = Out of Range

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