

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080020.D
 Acq On : 09 Nov 2023 03:04
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 09 04:34:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	16.524	17.4	71	0.00
3 M	Chloromethane	20.000	18.382	8.1	82	0.00
4 M	Vinyl Chloride	20.000	19.400	3.0	90	0.00
5 M	Bromomethane	20.000	13.759	31.2#	65	0.00
6 M	Chloroethane	20.000	21.744	-8.7	108	0.00
7 M	Trichlorofluoromethane	20.000	17.351	13.2	82	0.00
8 T	Diethyl Ether	20.000	17.896	10.5	81	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.768	16.2	78	0.00
10 M	1,1-Dichloroethene	20.000	18.209	9.0	77	0.00
11	Methyl Iodide	20.000	11.976	40.1#	53	0.00
12	Methyl Acetate	20.000	18.174	9.1	81	0.00
13 M	Acrolein	100.000	82.326	17.7	82	0.00
14 M	Acrylonitrile	100.000	91.652	8.3	82	0.00
15 M	Acetone	100.000	67.818	32.2#	60	0.00
16 M	Carbon Disulfide	20.000	16.119	19.4	68	0.00
17	Allyl chloride	20.000	16.396	18.0	75	0.00
18 M	Methylene Chloride	20.000	19.359	3.2	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.201	14.0	77	0.00
20 T	Diisopropyl ether	20.000	18.520	7.4	81	-0.01
21 M	1,1-Dichloroethane	20.000	18.453	7.7	81	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.610	12.0	79	0.00
23 M	tert-Butyl Alcohol	100.000	75.355	24.6	66	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.262	8.7	80	0.00
25 M	Chloroform	20.000	18.927	5.4	84	0.00
26	Cyclohexane	20.000	15.418	22.9	69	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.327	-1.1	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29	1,1-Dichloropropene	20.000	18.376	8.1	72	0.00
30 M	2-Butanone	100.000	90.298	9.7	71	0.00
31	2,2-Dichloropropane	20.000	16.222	18.9	63	0.00
32 M	1,1,1-Trichloroethane	20.000	20.123	-0.6	80	0.00
33 M	Carbon Tetrachloride	20.000	19.266	3.7	76	0.00
34 M	Benzene	20.000	20.352	-1.8	80	0.00
35	Methacrylonitrile	20.000	19.939	0.3	79	0.00
36 M	1,2-Dichloroethane	20.000	21.839	-9.2	86	0.00
37 M	Trichloroethene	20.000	19.033	4.8	75	0.00
38	Methylcyclohexane	20.000	16.845	15.8	67	0.00
39 M	1,2-Dichloropropane	20.000	20.695	-3.5	81	0.00
40	Dibromomethane	20.000	21.527	-7.6	85	0.00
41 M	Bromodichloromethane	20.000	21.195	-6.0	85	0.00
42 M	Vinyl Acetate	100.000	97.174	2.8	76	0.00
43	Ethyl Acetate	20.000	21.253	-6.3	77	0.00
44	Isopropyl Acetate	20.000	19.783	1.1	78	0.00
45 T	1,4-Dioxane	400.000	379.245	5.2	73	0.00
46	Methyl methacrylate	20.000	20.679	-3.4	80	0.00
47	n-amyl Acetate	20.000	18.547	7.3	73	0.00
48 M	t-1,3-Dichloropropene	20.000	18.716	6.4	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.272	3.6	75	0.00
50 M	1,1,2-Trichloroethane	20.000	21.602	-8.0	85	0.00
51	Ethyl methacrylate	20.000	18.987	5.1	74	0.00
52	1,3-Dichloropropane	20.000	21.104	-5.5	82	0.00
53 M	Dibromochloromethane	20.000	21.106	-5.5	83	0.00
54 M	1,2-Dibromoethane	20.000	20.591	-3.0	82	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.366	-1.4	78	0.00
56 M	Bromoform	20.000	20.239	-1.2	80	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.104	-3.1	81	0.00
59 M	2-Hexanone	100.000	94.495	5.5	73	0.00
60 S	4-Bromofluorobenzene	30.000	28.628	4.6	78	0.00
61 M	Tetrachloroethene	20.000	20.053	-0.3	81	0.00
62 M	Toluene	20.000	19.241	3.8	77	0.00
63 S	Toluene-d8	30.000	30.583	-1.9	81	0.00
64 M	Chlorobenzene	20.000	18.904	5.5	76	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.291	-1.5	80	0.00
66 M	Ethyl Benzene	20.000	17.947	10.3	72	0.00
67 M	m/p-Xylenes	40.000	36.991	7.5	72	0.00
68 M	o-Xylene	20.000	18.714	6.4	75	0.00
69 M	Styrene	20.000	18.732	6.3	74	0.00
70	Isopropylbenzene	20.000	17.999	10.0	72	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.768	-3.8	83	0.00
72	1,2,3-Trichloropropane	20.000	20.488	-2.4	84	0.00
73	Bromobenzene	20.000	19.033	4.8	78	0.00
74	n-propylbenzene	20.000	17.905	10.5	72	0.00
75	2-Chlorotoluene	20.000	18.065	9.7	73	0.00
76	1,3,5-Trimethylbenzene	20.000	18.514	7.4	74	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.304	23.5	64	0.00
78	4-Chlorotoluene	20.000	18.112	9.4	73	0.00
79	tert-butylbenzene	20.000	17.886	10.6	72	0.00
80	1,2,4-Trimethylbenzene	20.000	18.444	7.8	73	0.00
81	sec-Butylbenzene	20.000	17.948	10.3	72	0.00
82	p-Isopropyltoluene	20.000	18.242	8.8	73	0.00
83 M	1,3-Dichlorobenzene	20.000	18.604	7.0	74	0.00
84 M	1,4-Dichlorobenzene	20.000	18.109	9.5	74	0.00
85	n-Butylbenzene	20.000	17.245	13.8	71	0.00
86 T	Hexachloroethane	20.000	17.403	13.0	72	0.00
87 M	1,2-Dichlorobenzene	20.000	19.211	3.9	77	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.089	4.6	76	0.00
89	1,2,4-Trichlorobenzene	20.000	17.343	13.3	69	0.00
90	Hexachlorobutadiene	20.000	17.868	10.7	72	0.00
91 M	Naphthalene	20.000	15.209	24.0	61	0.00
92	1,2,3-Trichlorobenzene	20.000	17.343	13.3	69	0.00

(#) = Out of Range

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