

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
 Data File : VN069631.D
 Acq On : 23 Nov 2021 17:21
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 24 02:27:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	109	0.00
2 M	Dichlorodifluoromethane	20.000	21.610	-8.0	102	0.00
3 M	Chloromethane	20.000	21.848	-9.2	106	0.00
4 M	Vinyl Chloride	20.000	21.102	-5.5	103	0.00
5 M	Bromomethane	20.000	18.967	5.2	92	0.00
6 M	Chloroethane	20.000	19.947	0.3	95	0.00
7 M	Trichlorofluoromethane	20.000	19.172	4.1	91	0.00
8 T	Diethyl Ether	20.000	21.590	-7.9	108	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.538	-17.7	115	0.00
10 M	1,1-Dichloroethene	20.000	21.443	-7.2	107	0.00
11	Methyl Iodide	20.000	21.964	-9.8	116	-0.01
12	Methyl Acetate	20.000	21.023	-5.1	105	0.00
13 M	Acrolein	100.000	107.082	-7.1	121	0.00
14 M	Acrylonitrile	100.000	98.957	1.0	105	0.00
15 M	Acetone	100.000	85.873	14.1	75	0.00
16 M	Carbon Disulfide	20.000	20.383	-1.9	108	0.00
17	Allyl chloride	20.000	20.933	-4.7	109	0.00
18 M	Methylene Chloride	20.000	21.389	-6.9	109	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.075	-5.4	108	-0.01
20 T	Diisopropyl ether	20.000	21.351	-6.8	110	0.00
21 M	1,1-Dichloroethane	20.000	21.593	-8.0	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.888	-4.4	107	0.00
23 M	tert-Butyl Alcohol	100.000	85.257	14.7	93	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.964	-4.8	107	0.00
25 M	Chloroform	20.000	23.002	-15.0	117	0.00
26	Cyclohexane	20.000	21.357	-6.8	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.678	-5.6	109	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	21.443	-7.2	109	0.00
30 M	2-Butanone	100.000	92.022	8.0	92	0.00
31	2,2-Dichloropropane	20.000	19.783	1.1	105	0.00
32 M	1,1,1-Trichloroethane	20.000	20.616	-3.1	108	0.00
33 M	Carbon Tetrachloride	20.000	20.630	-3.1	108	0.00
34 M	Benzene	20.000	20.882	-4.4	106	0.00
35	Methacrylonitrile	20.000	19.428	2.9	105	0.00
36 M	1,2-Dichloroethane	20.000	21.374	-6.9	108	0.00
37 M	Trichloroethene	20.000	20.713	-3.6	109	0.00
38	Methylcyclohexane	20.000	20.729	-3.6	108	0.00
39 M	1,2-Dichloropropane	20.000	21.168	-5.8	109	0.00
40	Dibromomethane	20.000	20.598	-3.0	108	0.00
41 M	Bromodichloromethane	20.000	20.407	-2.0	111	0.00
42 M	Vinyl Acetate	100.000	102.457	-2.5	108	0.00
43	Ethyl Acetate	20.000	19.235	3.8	105	0.00
44	Isopropyl Acetate	20.000	19.561	2.2	104	0.00
45 T	1,4-Dioxane	400.000	338.447	15.4	91	0.00
46	Methyl methacrylate	20.000	19.465	2.7	105	0.00
47	n-amyl Acetate	20.000	15.688	21.6	92	0.00
48 M	t-1,3-Dichloropropene	20.000	18.440	7.8	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.940	0.3	109	0.00
50 M	1,1,2-Trichloroethane	20.000	20.166	-0.8	107	0.00
51	Ethyl methacrylate	20.000	18.685	6.6	104	0.00
52	1,3-Dichloropropane	20.000	20.630	-3.1	107	0.00
53 M	Dibromochloromethane	20.000	19.692	1.5	112	0.00
54 M	1,2-Dibromoethane	20.000	19.579	2.1	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.931	0.1	124	0.00
56 M	Bromoform	20.000	17.895	10.5	110	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.108	-2.1	103	0.00
59 M	2-Hexanone	100.000	91.824	8.2	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.960	0.1	106	0.00
61 M	Tetrachloroethene	20.000	22.643	-13.2	112	0.00
62 M	Toluene	20.000	21.365	-6.8	105	0.00
63 S	Toluene-d8	30.000	30.734	-2.4	105	0.00
64 M	Chlorobenzene	20.000	20.645	-3.2	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.914	-4.6	107	0.00
66 M	Ethyl Benzene	20.000	21.004	-5.0	105	0.00
67 M	m/p-Xylenes	40.000	41.806	-4.5	104	0.00
68 M	o-Xylene	20.000	20.368	-1.8	101	0.00
69 M	Styrene	20.000	20.013	-0.1	103	0.00
70	Isopropylbenzene	20.000	20.322	-1.6	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.404	-2.0	104	0.00
72	1,2,3-Trichloropropane	20.000	16.443	17.8	86	0.00
73	Bromobenzene	20.000	20.225	-1.1	106	0.00
74	n-propylbenzene	20.000	20.200	-1.0	103	0.00
75	2-Chlorotoluene	20.000	20.410	-2.1	104	0.00
76	1,3,5-Trimethylbenzene	20.000	20.476	-2.4	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.294	23.5	96	0.00
78	4-Chlorotoluene	20.000	20.079	-0.4	104	0.00
79	tert-butylbenzene	20.000	20.118	-0.6	105	0.00
80	1,2,4-Trimethylbenzene	20.000	20.172	-0.9	102	0.00
81	sec-Butylbenzene	20.000	19.977	0.1	102	0.00
82	p-Isopropyltoluene	20.000	20.015	-0.1	105	0.00
83 M	1,3-Dichlorobenzene	20.000	20.122	-0.6	106	0.00
84 M	1,4-Dichlorobenzene	20.000	19.554	2.2	103	0.00
85	n-Butylbenzene	20.000	18.333	8.3	103	0.00
86 T	Hexachloroethane	20.000	19.239	3.8	110	0.00
87 M	1,2-Dichlorobenzene	20.000	20.039	-0.2	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.627	11.9	102	0.00
89	1,2,4-Trichlorobenzene	20.000	16.213	18.9	98	0.00
90	Hexachlorobutadiene	20.000	23.514	-17.6	123	0.00
91 M	Naphthalene	20.000	12.389	38.1#	81	0.00
92	1,2,3-Trichlorobenzene	20.000	16.011	19.9	96	0.00

(#) = Out of Range

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