

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101322\
 Data File : VN074891.D
 Acq On : 13 Oct 2022 12:07
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 14 05:03:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 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	90	0.00
2 M	Dichlorodifluoromethane	20.000	21.423	-7.1	94	0.00
3 M	Chloromethane	20.000	22.260	-11.3	95	0.00
4 M	Vinyl Chloride	20.000	21.020	-5.1	87	0.00
5 M	Bromomethane	20.000	21.103	-5.5	91	0.02
6 M	Chloroethane	20.000	22.959	-14.8	90	0.00
7 M	Trichlorofluoromethane	20.000	22.744	-13.7	97	0.00
8 T	Diethyl Ether	20.000	20.644	-3.2	86	-0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	23.465	-17.3	100	0.01
10 M	1,1-Dichloroethene	20.000	21.134	-5.7	95	0.00
11	Methyl Iodide	20.000	20.329	-1.6	89	0.00
12	Methyl Acetate	20.000	19.988	0.1	88	0.00
13 M	Acrolein	100.000	102.455	-2.5	93	0.00
14 M	Acrylonitrile	100.000	105.428	-5.4	92	0.00
15 M	Acetone	100.000	126.155	-26.2#	110	0.00
16 M	Carbon Disulfide	20.000	20.515	-2.6	90	0.00
17	Allyl chloride	20.000	21.852	-9.3	88	0.00
18 M	Methylene Chloride	20.000	21.436	-7.2	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.179	-5.9	96	0.00
20 T	Diisopropyl ether	20.000	20.509	-2.5	92	0.00
21 M	1,1-Dichloroethane	20.000	21.040	-5.2	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.461	-7.3	96	0.00
23 M	tert-Butyl Alcohol	100.000	100.538	-0.5	89	-0.01
24 M	Methyl tert-Butyl Ether	20.000	21.282	-6.4	96	0.00
25 M	Chloroform	20.000	21.155	-5.8	98	0.00
26	Cyclohexane	20.000	22.391	-12.0	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.411	-8.0	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	20.399	-2.0	99	0.00
30 M	2-Butanone	100.000	103.619	-3.6	96	0.00
31	2,2-Dichloropropane	20.000	19.753	1.2	95	0.00
32 M	1,1,1-Trichloroethane	20.000	21.037	-5.2	99	0.00
33 M	Carbon Tetrachloride	20.000	20.137	-0.7	92	0.00
34 M	Benzene	20.000	20.373	-1.9	94	0.00
35	Methacrylonitrile	20.000	17.541	12.3	80	0.00
36 M	1,2-Dichloroethane	20.000	19.519	2.4	92	0.00
37 M	Trichloroethene	20.000	18.695	6.5	89	0.00
38	Methylcyclohexane	20.000	20.511	-2.6	101	0.00
39 M	1,2-Dichloropropane	20.000	20.182	-0.9	92	0.00
40	Dibromomethane	20.000	20.129	-0.6	95	0.00
41 M	Bromodichloromethane	20.000	20.103	-0.5	95	0.00
42 M	Vinyl Acetate	100.000	102.663	-2.7	93	0.00
43	Ethyl Acetate	20.000	18.796	6.0	90	0.00
44	Isopropyl Acetate	20.000	19.999	0.0	94	0.00
45 T	1,4-Dioxane	400.000	352.864	11.8	81	0.00
46	Methyl methacrylate	20.000	17.914	10.4	84	0.00
47	n-amyl Acetate	20.000	18.560	7.2	92	0.00
48 M	t-1,3-Dichloropropene	20.000	19.155	4.2	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.829	0.9	98	0.00
50 M	1,1,2-Trichloroethane	20.000	19.822	0.9	93	0.00
51	Ethyl methacrylate	20.000	19.207	4.0	96	0.00
52	1,3-Dichloropropane	20.000	20.104	-0.5	91	0.00
53 M	Dibromochloromethane	20.000	18.394	8.0	88	0.00
54 M	1,2-Dibromoethane	20.000	20.289	-1.4	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.662	5.3	96	0.00
56 M	Bromoform	20.000	17.785	11.1	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.201	2.8	91	0.00
59 M	2-Hexanone	100.000	95.374	4.6	88	0.00
60 S	4-Bromofluorobenzene	30.000	27.762	7.5	96	0.00
61 M	Tetrachloroethene	20.000	20.164	-0.8	95	0.00
62 M	Toluene	20.000	19.966	0.2	93	0.00
63 S	Toluene-d8	30.000	29.936	0.2	95	0.00
64 M	Chlorobenzene	20.000	19.829	0.9	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.968	5.2	90	0.00
66 M	Ethyl Benzene	20.000	19.344	3.3	93	0.00
67 M	m/p-Xylenes	40.000	39.293	1.8	94	0.00
68 M	o-Xylene	20.000	20.115	-0.6	98	0.00
69 M	Styrene	20.000	18.672	6.6	94	0.00
70	Isopropylbenzene	20.000	19.561	2.2	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.310	3.5	92	0.00
72	1,2,3-Trichloropropane	20.000	19.659	1.7	91	0.00
73	Bromobenzene	20.000	18.368	8.2	88	0.00
74	n-propylbenzene	20.000	19.270	3.7	96	0.00
75	2-Chlorotoluene	20.000	19.095	4.5	94	0.00
76	1,3,5-Trimethylbenzene	20.000	19.063	4.7	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.220	8.9	93	0.00
78	4-Chlorotoluene	20.000	18.470	7.7	94	0.00
79	tert-butylbenzene	20.000	18.672	6.6	94	0.00
80	1,2,4-Trimethylbenzene	20.000	19.365	3.2	98	0.00
81	sec-Butylbenzene	20.000	19.304	3.5	97	0.00
82	p-Isopropyltoluene	20.000	18.803	6.0	96	0.00
83 M	1,3-Dichlorobenzene	20.000	18.009	10.0	92	0.00
84 M	1,4-Dichlorobenzene	20.000	18.639	6.8	95	0.00
85	n-Butylbenzene	20.000	18.712	6.4	98	0.00
86 T	Hexachloroethane	20.000	19.686	1.6	95	0.00
87 M	1,2-Dichlorobenzene	20.000	19.122	4.4	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.809	11.0	89	0.00
89	1,2,4-Trichlorobenzene	20.000	18.713	6.4	99	0.00
90	Hexachlorobutadiene	20.000	18.795	6.0	97	0.00
91 M	Naphthalene	20.000	17.591	12.0	94	0.00
92	1,2,3-Trichlorobenzene	20.000	17.145	14.3	87	0.00

(#) = Out of Range

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