

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070155.D
 Acq On : 17 Dec 2021 10:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 18 05:28:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 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	106	0.00
2 M	Dichlorodifluoromethane	20.000	19.677	1.6	103	0.00
3 M	Chloromethane	20.000	19.940	0.3	107	0.00
4 M	Vinyl Chloride	20.000	18.855	5.7	103	0.00
5 M	Bromomethane	20.000	20.030	-0.2	110	0.00
6 M	Chloroethane	20.000	19.167	4.2	104	0.00
7 M	Trichlorofluoromethane	20.000	18.114	9.4	97	0.00
8 T	Diethyl Ether	20.000	19.370	3.1	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.352	3.2	105	0.00
10 M	1,1-Dichloroethene	20.000	18.716	6.4	103	0.00
11	Methyl Iodide	20.000	18.002	10.0	100	0.00
12	Methyl Acetate	20.000	21.767	-8.8	126	0.00
13 M	Acrolein	100.000	100.350	-0.3	120	0.00
14 M	Acrylonitrile	100.000	103.262	-3.3	120	0.00
15 M	Acetone	100.000	115.639	-15.6	116	0.00
16 M	Carbon Disulfide	20.000	15.939	20.3	88	0.00
17	Allyl chloride	20.000	18.986	5.1	108	0.00
18 M	Methylene Chloride	20.000	19.116	4.4	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.060	4.7	105	0.00
20 T	Diisopropyl ether	20.000	20.060	-0.3	113	0.00
21 M	1,1-Dichloroethane	20.000	19.172	4.1	108	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.078	4.6	108	0.00
23 M	tert-Butyl Alcohol	100.000	114.611	-14.6	147	0.01
24 M	Methyl tert-Butyl Ether	20.000	20.795	-4.0	119	0.00
25 M	Chloroform	20.000	18.923	5.4	105	0.00
26	Cyclohexane	20.000	19.797	1.0	111	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.959	-3.2	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	18.196	9.0	105	0.00
30 M	2-Butanone	100.000	107.840	-7.8	125	0.00
31	2,2-Dichloropropane	20.000	18.683	6.6	113	0.00
32 M	1,1,1-Trichloroethane	20.000	17.331	13.3	103	0.00
33 M	Carbon Tetrachloride	20.000	16.082	19.6	94	0.00
34 M	Benzene	20.000	18.430	7.9	107	0.00
35	Methacrylonitrile	20.000	19.294	3.5	122	0.00
36 M	1,2-Dichloroethane	20.000	18.394	8.0	108	0.00
37 M	Trichloroethene	20.000	17.731	11.3	105	0.00
38	Methylcyclohexane	20.000	18.372	8.1	109	0.00
39 M	1,2-Dichloropropane	20.000	18.520	7.4	109	0.00
40	Dibromomethane	20.000	17.746	11.3	103	0.00
41 M	Bromodichloromethane	20.000	16.073	19.6	94	0.00
42 M	Vinyl Acetate	100.000	96.640	3.4	118	0.00
43	Ethyl Acetate	20.000	20.368	-1.8	128	0.00
44	Isopropyl Acetate	20.000	19.662	1.7	121	0.00
45 T	1,4-Dioxane	400.000	459.221	-14.8	137	0.00
46	Methyl methacrylate	20.000	19.303	3.5	117	0.00
47	n-amyl Acetate	20.000	19.019	4.9	133	0.00
48 M	t-1,3-Dichloropropene	20.000	16.808	16.0	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.199	14.0	106	0.00
50 M	1,1,2-Trichloroethane	20.000	18.509	7.5	109	0.00
51	Ethyl methacrylate	20.000	19.163	4.2	124	0.00
52	1,3-Dichloropropane	20.000	18.369	8.2	108	0.00
53 M	Dibromochloromethane	20.000	15.067	24.7	90	0.00
54 M	1,2-Dibromoethane	20.000	18.399	8.0	113	0.00
55 M	2-Chloroethyl vinyl ether	100.000	128.547	-28.5	176	0.00
56 M	Bromoform	20.000	13.655	31.7#	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.352	-4.4	123	0.00
59 M	2-Hexanone	100.000	110.736	-10.7	131	0.00
60 S	4-Bromofluorobenzene	30.000	29.720	0.9	113	0.00
61 M	Tetrachloroethene	20.000	18.728	6.4	104	0.00
62 M	Toluene	20.000	18.846	5.8	107	0.00
63 S	Toluene-d8	30.000	30.397	-1.3	110	0.00
64 M	Chlorobenzene	20.000	18.440	7.8	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.073	14.6	99	0.00
66 M	Ethyl Benzene	20.000	18.683	6.6	108	0.00
67 M	m/p-Xylenes	40.000	37.321	6.7	107	0.00
68 M	o-Xylene	20.000	18.783	6.1	109	0.00
69 M	Styrene	20.000	18.187	9.1	107	0.00
70	Isopropylbenzene	20.000	18.904	5.5	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.307	3.5	112	0.00
72	1,2,3-Trichloropropane	20.000	20.336	-1.7	112	0.00
73	Bromobenzene	20.000	18.229	8.9	107	0.00
74	n-propylbenzene	20.000	18.301	8.5	108	0.00
75	2-Chlorotoluene	20.000	18.557	7.2	109	0.00
76	1,3,5-Trimethylbenzene	20.000	18.480	7.6	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.798	21.0	104	0.00
78	4-Chlorotoluene	20.000	18.212	8.9	108	0.00
79	tert-butylbenzene	20.000	18.559	7.2	111	0.00
80	1,2,4-Trimethylbenzene	20.000	18.612	6.9	108	0.00
81	sec-Butylbenzene	20.000	18.224	8.9	109	0.00
82	p-Isopropyltoluene	20.000	18.384	8.1	109	0.00
83 M	1,3-Dichlorobenzene	20.000	18.282	8.6	108	0.00
84 M	1,4-Dichlorobenzene	20.000	18.061	9.7	108	0.00
85	n-Butylbenzene	20.000	17.301	13.5	108	0.00
86 T	Hexachloroethane	20.000	14.058	29.7	86	0.00
87 M	1,2-Dichlorobenzene	20.000	18.810	6.0	109	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.046	9.8	115	0.00
89	1,2,4-Trichlorobenzene	20.000	19.199	4.0	121	0.00
90	Hexachlorobutadiene	20.000	19.026	4.9	107	0.00
91 M	Naphthalene	20.000	23.107	-15.5	154	0.00
92	1,2,3-Trichlorobenzene	20.000	20.446	-2.2	127	0.00

(#) = Out of Range

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