

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121620\
 Data File : VN065171.D
 Acq On : 16 Dec 2020 12:57
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 21 13:58:52 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520w.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 15 15:18:54 2020
 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	19.986	0.1	112	0.00
3 M	Chloromethane	20.000	20.118	-0.6	110	0.00
4 M	Vinyl Chloride	20.000	17.911	10.4	106	0.00
5 M	Bromomethane	20.000	16.339	18.3	111	0.00
6 M	Chloroethane	20.000	16.735	16.3	110	0.00
7 M	Trichlorofluoromethane	20.000	17.453	12.7	110	0.00
8 T	Diethyl Ether	20.000	19.896	0.5	113	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.717	1.4	112	0.00
10 M	1,1-Dichloroethene	20.000	19.704	1.5	112	0.00
11	Methyl Iodide	20.000	19.482	2.6	113	0.00
12	Methyl Acetate	20.000	19.034	4.8	108	0.00
13 M	Acrolein	100.000	86.979	13.0	101	0.00
14 M	Acrylonitrile	100.000	96.656	3.3	108	0.00
15 M	Acetone	100.000	90.145	9.9	91	0.00
16 M	Carbon Disulfide	20.000	19.550	2.2	110	0.00
17	Allyl chloride	20.000	19.759	1.2	124	0.00
18 M	Methylene Chloride	20.000	19.633	1.8	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.630	1.9	111	0.00
20 T	Diisopropyl ether	20.000	17.898	10.5	112	0.00
21 M	1,1-Dichloroethane	20.000	17.902	10.5	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.493	2.5	110	0.00
23 M	tert-Butyl Alcohol	100.000	91.781	8.2	111	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.453	2.7	113	0.00
25 M	Chloroform	20.000	19.436	2.8	110	0.00
26	Cyclohexane	20.000	19.454	2.7	110	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.956	3.5	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	19.528	2.4	112	0.00
30 M	2-Butanone	100.000	92.738	7.3	103	0.00
31	2,2-Dichloropropane	20.000	19.050	4.7	111	0.00
32 M	1,1,1-Trichloroethane	20.000	18.927	5.4	110	0.00
33 M	Carbon Tetrachloride	20.000	18.732	6.3	108	0.00
34 M	Benzene	20.000	19.914	0.4	110	0.00
35	Methacrylonitrile	20.000	14.190	29.1	76	0.00
36 M	1,2-Dichloroethane	20.000	18.924	5.4	110	0.00
37 M	Trichloroethene	20.000	19.684	1.6	111	0.00
38	Methylcyclohexane	20.000	18.010	9.9	113	0.00
39 M	1,2-Dichloropropane	20.000	19.217	3.9	110	0.00
40	Dibromomethane	20.000	17.834	10.8	109	0.00
41 M	Bromodichloromethane	20.000	17.557	12.2	110	0.00
42 M	Vinyl Acetate	100.000	87.632	12.4	110	0.00
43	Ethyl Acetate	20.000	17.498	12.5	95	0.00
44	Isopropyl Acetate	20.000	18.412	7.9	107	0.00
45 T	1,4-Dioxane	400.000	347.941	13.0	104	0.00
46	Methyl methacrylate	20.000	16.338	18.3	105	0.00
47	n-aryl Acetate	20.000	17.838	10.8	110	0.00
48 M	t-1,3-Dichloropropene	20.000	18.822	5.9	112	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.548	7.3	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50 M	1,1,2-Trichloroethane	20.000	20.072	-0.4	112	0.00
51	Ethyl methacrylate	20.000	18.126	9.4	107	0.00
52	1,3-Dichloropropane	20.000	19.868	0.7	113	0.00
53 M	Dibromochloromethane	20.000	19.035	4.8	111	0.00
54 M	1,2-Dibromoethane	20.000	19.142	4.3	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.561	10.4	107	0.00
56 M	Bromoform	20.000	18.486	7.6	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.445	12.6	107	0.00
59 M	2-Hexanone	100.000	90.102	9.9	105	0.00
60 S	4-Bromofluorobenzene	30.000	29.668	1.1	109	0.00
61 M	Tetrachloroethene	20.000	20.759	-3.8	114	0.00
62 M	Toluene	20.000	19.473	2.6	110	0.00
63 S	Toluene-d8	30.000	28.997	3.3	105	0.00
64 M	Chlorobenzene	20.000	19.705	1.5	113	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.014	4.9	109	0.00
66 M	Ethyl Benzene	20.000	19.209	4.0	112	0.00
67 M	m/p-Xylenes	40.000	39.190	2.0	114	0.00
68 M	o-Xylene	20.000	19.214	3.9	112	0.00
69 M	Styrene	20.000	19.064	4.7	113	0.00
70	Isopropylbenzene	20.000	19.642	1.8	113	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.694	6.5	107	0.00
72	1,2,3-Trichloropropane	20.000	19.097	4.5	104	0.00
73	Bromobenzene	20.000	19.984	0.1	116	0.00
74	n-propylbenzene	20.000	19.372	3.1	113	0.00
75	2-Chlorotoluene	20.000	19.579	2.1	113	0.00
76	1,3,5-Trimethylbenzene	20.000	19.278	3.6	111	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.697	11.5	107	0.00
78	4-Chlorotoluene	20.000	19.006	5.0	112	0.00
79	tert-butylbenzene	20.000	19.174	4.1	113	0.00
80	1,2,4-Trimethylbenzene	20.000	19.556	2.2	113	0.00
81	sec-Butylbenzene	20.000	19.410	2.9	115	0.00
82	p-Isopropyltoluene	20.000	18.856	5.7	117	0.00
83 M	1,3-Dichlorobenzene	20.000	18.338	8.3	112	0.00
84 M	1,4-Dichlorobenzene	20.000	17.570	12.1	116	0.00
85	n-Butylbenzene	20.000	17.396	13.0	118	0.00
86 T	Hexachloroethane	20.000	16.692	16.5	112	0.00
87 M	1,2-Dichlorobenzene	20.000	17.505	12.5	112	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.720	16.4	113	0.00
89	1,2,4-Trichlorobenzene	20.000	16.115	19.4	116	0.00
90	Hexachlorobutadiene	20.000	18.275	8.6	122	0.00
91 M	Naphthalene	20.000	14.117	29.4	106	0.00
92	1,2,3-Trichlorobenzene	20.000	15.613	21.9	112	0.00

(#) = Out of Range

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