

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121620\
 Data File : VN065165.D
 Acq On : 16 Dec 2020 9:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 21 13:55:26 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	76	0.00
2 M	Dichlorodifluoromethane	20.000	20.181	-0.9	83	0.00
3 M	Chloromethane	20.000	21.236	-6.2	85	0.00
4 M	Vinyl Chloride	20.000	19.849	0.8	86	0.00
5 M	Bromomethane	20.000	17.522	12.4	87	0.00
6 M	Chloroethane	20.000	17.267	13.7	83	0.00
7 M	Trichlorofluoromethane	20.000	18.588	7.1	86	0.00
8 T	Diethyl Ether	20.000	21.116	-5.6	88	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.996	-10.0	91	0.00
10 M	1,1-Dichloroethene	20.000	21.256	-6.3	88	0.00
11	Methyl Iodide	20.000	20.216	-1.1	86	0.00
12	Methyl Acetate	20.000	21.187	-5.9	88	0.00
13 M	Acrolein	100.000	156.786	-56.8#	133	0.00
14 M	Acrylonitrile	100.000	107.282	-7.3	88	0.00
15 M	Acetone	100.000	127.297	-27.3	94	0.00
16 M	Carbon Disulfide	20.000	21.271	-6.4	88	0.00
17	Allyl chloride	20.000	22.072	-10.4	102	0.00
18 M	Methylene Chloride	20.000	21.598	-8.0	87	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.244	-6.2	88	0.00
20 T	Diisopropyl ether	20.000	19.204	4.0	88	0.00
21 M	1,1-Dichloroethane	20.000	19.061	4.7	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.788	-8.9	90	0.00
23 M	tert-Butyl Alcohol	100.000	100.611	-0.6	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.805	-4.0	89	0.00
25 M	Chloroform	20.000	20.705	-3.5	86	0.00
26	Cyclohexane	20.000	21.024	-5.1	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.636	4.5	76	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	77	0.00
29	1,1-Dichloropropene	20.000	20.444	-2.2	87	0.00
30 M	2-Butanone	100.000	106.955	-7.0	87	0.00
31	2,2-Dichloropropane	20.000	20.924	-4.6	90	0.00
32 M	1,1,1-Trichloroethane	20.000	20.626	-3.1	88	0.00
33 M	Carbon Tetrachloride	20.000	19.875	0.6	85	0.00
34 M	Benzene	20.000	21.488	-7.4	88	0.00
35	Methacrylonitrile	20.000	19.180	4.1	76	0.00
36 M	1,2-Dichloroethane	20.000	19.645	1.8	84	0.00
37 M	Trichloroethene	20.000	21.650	-8.2	90	0.00
38	Methylcyclohexane	20.000	18.457	7.7	86	0.00
39 M	1,2-Dichloropropane	20.000	19.983	0.1	85	0.00
40	Dibromomethane	20.000	19.191	4.0	87	0.00
41 M	Bromodichloromethane	20.000	19.082	4.6	88	0.00
42 M	Vinyl Acetate	100.000	94.160	5.8	87	0.00
43	Ethyl Acetate	20.000	21.949	-9.7	88	0.00
44	Isopropyl Acetate	20.000	19.910	0.4	85	0.00
45 T	1,4-Dioxane	400.000	378.093	5.5	83	0.00
46	Methyl methacrylate	20.000	18.361	8.2	87	0.00
47	n-aryl Acetate	20.000	18.550	7.2	84	0.00
48 M	t-1,3-Dichloropropene	20.000	20.081	-0.4	88	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.034	-0.2	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

50 M	1,1,2-Trichloroethane	20.000	20.992	-5.0	87	0.00
51	Ethyl methacrylate	20.000	19.461	2.7	85	0.00
52	1,3-Dichloropropane	20.000	21.128	-5.6	88	0.00
53 M	Dibromochloromethane	20.000	20.378	-1.9	88	0.00
54 M	1,2-Dibromoethane	20.000	20.717	-3.6	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	139.942	-39.9#	123	0.00
56 M	Bromoform	20.000	19.915	0.4	84	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.156	5.8	84	0.00
59 M	2-Hexanone	100.000	102.951	-3.0	88	0.00
60 S	4-Bromofluorobenzene	30.000	29.610	1.3	80	0.00
61 M	Tetrachloroethene	20.000	22.779	-13.9	92	0.00
62 M	Toluene	20.000	21.386	-6.9	88	0.00
63 S	Toluene-d8	30.000	29.080	3.1	77	0.00
64 M	Chlorobenzene	20.000	20.993	-5.0	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.459	-2.3	86	0.00
66 M	Ethyl Benzene	20.000	20.550	-2.8	87	0.00
67 M	m/p-Xylenes	40.000	41.890	-4.7	89	0.00
68 M	o-Xylene	20.000	20.716	-3.6	88	0.00
69 M	Styrene	20.000	20.072	-0.4	87	0.00
70	Isopropylbenzene	20.000	20.887	-4.4	88	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.638	1.8	82	0.00
72	1,2,3-Trichloropropane	20.000	18.470	7.7	73	0.00
73	Bromobenzene	20.000	20.869	-4.3	89	0.00
74	n-propylbenzene	20.000	20.435	-2.2	87	0.00
75	2-Chlorotoluene	20.000	20.807	-4.0	88	0.00
76	1,3,5-Trimethylbenzene	20.000	20.122	-0.6	85	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.407	3.0	86	0.00
78	4-Chlorotoluene	20.000	20.740	-3.7	89	0.00
79	tert-butylbenzene	20.000	19.582	2.1	84	0.00
80	1,2,4-Trimethylbenzene	20.000	20.452	-2.3	87	0.00
81	sec-Butylbenzene	20.000	20.373	-1.9	88	0.00
82	p-Isopropyltoluene	20.000	19.471	2.6	88	0.00
83 M	1,3-Dichlorobenzene	20.000	20.042	-0.2	90	0.00
84 M	1,4-Dichlorobenzene	20.000	18.377	8.1	89	0.00
85	n-Butylbenzene	20.000	17.771	11.1	88	0.00
86 T	Hexachloroethane	20.000	17.398	13.0	85	0.00
87 M	1,2-Dichlorobenzene	20.000	17.887	10.6	84	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.039	9.8	89	0.00
89	1,2,4-Trichlorobenzene	20.000	15.869	20.7	83	0.00
90	Hexachlorobutadiene	20.000	19.069	4.7	93	0.00
91 M	Naphthalene	20.000	14.177	29.1	78	0.00
92	1,2,3-Trichlorobenzene	20.000	15.673	21.6	82	0.00

(#) = Out of Range

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