

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN061020\
 Data File : VN061740.D
 Acq On : 10 Jun 2020 16:28
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 11 03:23:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 10 12:28:45 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	81	0.00
2 M	Dichlorodifluoromethane	20.000	19.099	4.5	82	0.00
3 M	Chloromethane	20.000	20.612	-3.1	85	0.00
4 M	Vinyl Chloride	20.000	20.130	-0.6	85	0.00
5 M	Bromomethane	20.000	20.826	-4.1	86	0.00
6 M	Chloroethane	20.000	19.355	3.2	83	0.00
7 M	Trichlorofluoromethane	20.000	18.992	5.0	75	0.00
8 T	Diethyl Ether	20.000	19.783	1.1	89	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.978	5.1	85	0.00
10 M	1,1-Dichloroethene	20.000	18.912	5.4	85	0.00
11	Methyl Iodide	20.000	18.924	5.4	84	0.00
12	Methyl Acetate	20.000	19.244	3.8	89	0.00
13 M	Acrolein	100.000	73.309	26.7	71	0.00
14 M	Acrylonitrile	100.000	95.335	4.7	89	0.00
15 M	Acetone	100.000	90.823	9.2	79	0.00
16 M	Carbon Disulfide	20.000	22.071	-10.4	83	0.00
17	Allyl chloride	20.000	19.286	3.6	83	0.00
18 M	Methylene Chloride	20.000	18.757	6.2	85	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.997	5.0	86	0.00
20 T	Diisopropyl ether	20.000	19.083	4.6	87	0.00
21 M	1,1-Dichloroethane	20.000	18.979	5.1	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.801	6.0	87	0.00
23 M	tert-Butyl Alcohol	100.000	82.403	17.6	78	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.984	5.1	88	0.00
25 M	Chloroform	20.000	18.965	5.2	87	0.00
26	Cyclohexane	20.000	19.602	2.0	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.194	2.7	80	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	80	0.00
29	1,1-Dichloropropene	20.000	19.809	1.0	85	0.00
30 M	2-Butanone	100.000	93.431	6.6	81	0.00
31	2,2-Dichloropropane	20.000	19.203	4.0	83	0.00
32 M	1,1,1-Trichloroethane	20.000	19.459	2.7	85	0.00
33 M	Carbon Tetrachloride	20.000	19.780	1.1	88	0.00
34 M	Benzene	20.000	19.757	1.2	85	0.00
35	Methacrylonitrile	20.000	19.326	3.4	73	-0.01
36 M	1,2-Dichloroethane	20.000	20.149	-0.7	89	0.00
37 M	Trichloroethene	20.000	19.097	4.5	83	0.00
38	Methylcyclohexane	20.000	19.566	2.2	84	0.00
39 M	1,2-Dichloropropane	20.000	19.542	2.3	86	0.00
40	Dibromomethane	20.000	19.823	0.9	87	0.00
41 M	Bromodichloromethane	20.000	19.232	3.8	85	0.00
42 M	Vinyl Acetate	100.000	101.101	-1.1	87	0.00
43	Ethyl Acetate	20.000	19.908	0.5	96	0.00
44	Isopropyl Acetate	20.000	19.603	2.0	87	0.00
45 T	1,4-Dioxane	400.000	337.502	15.6	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.212	3.9	90	0.00
47	n-amyl Acetate	20.000	18.007	10.0	88	0.00
48 M	t-1,3-Dichloropropene	20.000	18.919	5.4	87	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.706	6.5	84	0.00
50 M	1,1,2-Trichloroethane	20.000	19.717	1.4	89	0.00
51	Ethyl methacrylate	20.000	19.284	3.6	90	0.00
52	1,3-Dichloropropane	20.000	19.410	2.9	87	0.00
53 M	Dibromochloromethane	20.000	18.810	6.0	85	0.00
54 M	1,2-Dibromoethane	20.000	19.703	1.5	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.147	4.9	96	0.00
56 M	Bromoform	20.000	18.171	9.1	86	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.453	-0.5	89	0.00
59 M	2-Hexanone	100.000	95.073	4.9	85	0.00
60 S	4-Bromofluorobenzene	30.000	29.796	0.7	80	0.00
61 M	Tetrachloroethene	20.000	17.672	11.6	75	0.00
62 M	Toluene	20.000	19.774	1.1	84	0.00
63 S	Toluene-d8	30.000	30.224	-0.7	79	0.00
64 M	Chlorobenzene	20.000	19.601	2.0	85	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.237	3.8	84	0.00
66 M	Ethyl Benzene	20.000	19.326	3.4	85	0.00
67 M	m/p-Xylenes	40.000	38.109	4.7	83	0.00
68 M	o-Xylene	20.000	19.391	3.0	84	0.00
69 M	Styrene	20.000	18.786	6.1	85	0.00
70	Isopropylbenzene	20.000	19.313	3.4	85	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.019	-0.1	88	0.00
72	1,2,3-Trichloropropane	20.000	18.183	9.1	80	0.00
73	Bromobenzene	20.000	18.702	6.5	84	0.00
74	n-propylbenzene	20.000	19.193	4.0	84	0.00
75	2-Chlorotoluene	20.000	19.213	3.9	86	0.00
76	1,3,5-Trimethylbenzene	20.000	19.033	4.8	84	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.603	17.0	75	0.00
78	4-Chlorotoluene	20.000	19.039	4.8	85	0.00
79	tert-butylbenzene	20.000	18.934	5.3	85	0.00
80	1,2,4-Trimethylbenzene	20.000	19.009	5.0	84	0.00
81	sec-Butylbenzene	20.000	18.979	5.1	83	0.00
82	p-Isopropyltoluene	20.000	18.785	6.1	84	0.00
83 M	1,3-Dichlorobenzene	20.000	18.577	7.1	83	0.00
84 M	1,4-Dichlorobenzene	20.000	18.408	8.0	83	0.00
85	n-Butylbenzene	20.000	18.297	8.5	83	0.00
86 T	Hexachloroethane	20.000	20.806	-4.0	102	0.00
87 M	1,2-Dichlorobenzene	20.000	19.053	4.7	84	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.713	1.4	89	0.00
89	1,2,4-Trichlorobenzene	20.000	17.920	10.4	84	0.00
90	Hexachlorobutadiene	20.000	17.199	14.0	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.212	8.9	86	0.00
92	1,2,3-Trichlorobenzene	20.000	18.433	7.8	84	0.00

(#) = Out of Range

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