

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100920\
 Data File : VN064048.D
 Acq On : 9 Oct 2020 19:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 10 02:21:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	17.060	14.7	75	0.00
3 M	Chloromethane	20.000	18.687	6.6	86	0.00
4 M	Vinyl Chloride	20.000	17.361	13.2	80	0.00
5 M	Bromomethane	20.000	14.800	26.0	70	0.00
6 M	Chloroethane	20.000	17.035	14.8	80	0.00
7 M	Trichlorofluoromethane	20.000	16.329	18.4	77	0.00
8 T	Diethyl Ether	20.000	16.355	18.2	79	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.351	18.2	76	0.00
10 M	1,1-Dichloroethene	20.000	16.465	17.7	78	0.00
11	Methyl Iodide	20.000	16.437	17.8	78	0.00
12	Methyl Acetate	20.000	18.509	7.5	87	0.00
13 M	Acrolein	100.000	89.217	10.8	104	0.00
14 M	Acrylonitrile	100.000	88.211	11.8	86	0.00
15 M	Acetone	100.000	81.998	18.0	78	0.00
16 M	Carbon Disulfide	20.000	16.617	16.9	79	0.00
17	Allyl chloride	20.000	16.494	17.5	74	0.00
18 M	Methylene Chloride	20.000	17.768	11.2	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.591	17.0	82	0.00
20 T	Diisopropyl ether	20.000	17.402	13.0	84	0.00
21 M	1,1-Dichloroethane	20.000	17.032	14.8	80	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.354	18.2	80	0.00
23 M	tert-Butyl Alcohol	100.000	77.842	22.2	74	-0.02
24 M	Methyl tert-Butyl Ether	20.000	15.919	20.4	75	0.00
25 M	Chloroform	20.000	17.211	13.9	81	0.00
26	Cyclohexane	20.000	15.836	20.8	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.578	1.4	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	16.717	16.4	75	0.00
30 M	2-Butanone	100.000	88.029	12.0	81	0.00
31	2,2-Dichloropropane	20.000	16.082	19.6	71	0.00
32 M	1,1,1-Trichloroethane	20.000	16.654	16.7	74	0.00
33 M	Carbon Tetrachloride	20.000	16.309	18.5	73	0.00
34 M	Benzene	20.000	17.859	10.7	80	0.00
35	Methacrylonitrile	20.000	19.135	4.3	93	0.00
36 M	1,2-Dichloroethane	20.000	16.870	15.6	76	0.00
37 M	Trichloroethene	20.000	16.706	16.5	77	0.00
38	Methylcyclohexane	20.000	15.574	22.1	72	0.00
39 M	1,2-Dichloropropane	20.000	18.154	9.2	80	0.00
40	Dibromomethane	20.000	17.094	14.5	75	0.00
41 M	Bromodichloromethane	20.000	17.079	14.6	78	0.00
42 M	Vinyl Acetate	100.000	88.757	11.2	81	0.00
43	Ethyl Acetate	20.000	17.578	12.1	83	0.00
44	Isopropyl Acetate	20.000	17.602	12.0	80	0.00
45 T	1,4-Dioxane	400.000	318.745	20.3	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.696	11.5	80	0.00
47	n-amyl Acetate	20.000	15.452	22.7	74	0.00
48 M	t-1,3-Dichloropropene	20.000	15.998	20.0	73	0.00
49 T	cis-1,3-Dichloropropene	20.000	16.937	15.3	79	0.00
50 M	1,1,2-Trichloroethane	20.000	17.814	10.9	81	0.00
51	Ethyl methacrylate	20.000	16.461	17.7	77	0.00
52	1,3-Dichloropropane	20.000	17.544	12.3	81	0.00
53 M	Dibromochloromethane	20.000	16.717	16.4	75	0.00
54 M	1,2-Dibromoethane	20.000	17.421	12.9	79	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.322	12.7	86	0.00
56 M	Bromoform	20.000	16.646	16.8	79	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.782	8.2	81	0.00
59 M	2-Hexanone	100.000	86.340	13.7	78	0.00
60 S	4-Bromofluorobenzene	30.000	29.596	1.3	97	0.00
61 M	Tetrachloroethene	20.000	16.566	17.2	72	0.00
62 M	Toluene	20.000	17.502	12.5	79	0.00
63 S	Toluene-d8	30.000	31.185	-3.9	98	0.00
64 M	Chlorobenzene	20.000	16.702	16.5	76	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.189	14.1	78	0.00
66 M	Ethyl Benzene	20.000	16.248	18.8	75	0.00
67 M	m/p-Xylenes	40.000	33.257	16.9	76	0.00
68 M	o-Xylene	20.000	16.405	18.0	76	0.00
69 M	Styrene	20.000	16.262	18.7	76	0.00
70	Isopropylbenzene	20.000	16.522	17.4	76	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.046	9.8	83	0.00
72	1,2,3-Trichloropropane	20.000	18.303	8.5	81	0.00
73	Bromobenzene	20.000	16.054	19.7	76	0.00
74	n-propylbenzene	20.000	16.038	19.8	74	0.00
75	2-Chlorotoluene	20.000	16.662	16.7	77	0.00
76	1,3,5-Trimethylbenzene	20.000	16.153	19.2	75	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.436	22.8	74	0.00
78	4-Chlorotoluene	20.000	16.548	17.3	76	0.00
79	tert-butylbenzene	20.000	15.972	20.1	75	0.00
80	1,2,4-Trimethylbenzene	20.000	16.077	19.6	74	0.00
81	sec-Butylbenzene	20.000	15.836	20.8	74	0.00
82	p-Isopropyltoluene	20.000	15.536	22.3	74	0.00
83 M	1,3-Dichlorobenzene	20.000	15.804	21.0	74	0.00
84 M	1,4-Dichlorobenzene	20.000	15.282	23.6	72	0.00
85	n-Butylbenzene	20.000	14.699	26.5	70	0.00
86 T	Hexachloroethane	20.000	16.097	19.5	77	0.00
87 M	1,2-Dichlorobenzene	20.000	15.873	20.6	73	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.809	21.0	73	0.00
89	1,2,4-Trichlorobenzene	20.000	12.461	37.7#	60	0.00
90	Hexachlorobutadiene	20.000	15.635	21.8	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	12.650	36.8#	59	0.00
92	1,2,3-Trichlorobenzene	20.000	14.167	29.2	66	0.00

(#) = Out of Range

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