

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110220\
 Data File : VN064423.D
 Acq On : 2 Nov 2020 18:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 03 03:30:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 03 02:03:38 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	18.676	6.6	93	0.00
3 M	Chloromethane	20.000	18.099	9.5	95	0.00
4 M	Vinyl Chloride	20.000	18.462	7.7	97	0.00
5 M	Bromomethane	20.000	18.630	6.9	96	0.00
6 M	Chloroethane	20.000	18.596	7.0	96	0.00
7 M	Trichlorofluoromethane	20.000	18.497	7.5	93	0.00
8 T	Diethyl Ether	20.000	18.321	8.4	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.699	11.5	92	0.00
10 M	1,1-Dichloroethene	20.000	17.600	12.0	94	0.00
11	Methyl Iodide	20.000	17.392	13.0	97	0.00
12	Methyl Acetate	20.000	18.481	7.6	96	0.00
13 M	Acrolein	100.000	102.952	-3.0	107	0.00
14 M	Acrylonitrile	100.000	89.898	10.1	96	0.00
15 M	Acetone	100.000	74.382	25.6	66	0.00
16 M	Carbon Disulfide	20.000	17.484	12.6	93	0.00
17	Allyl chloride	20.000	17.752	11.2	96	0.00
18 M	Methylene Chloride	20.000	17.899	10.5	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.173	9.1	97	0.00
20 T	Diisopropyl ether	20.000	18.034	9.8	94	0.00
21 M	1,1-Dichloroethane	20.000	17.729	11.4	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.569	12.2	93	0.00
23 M	tert-Butyl Alcohol	100.000	93.985	6.0	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.024	9.9	95	0.00
25 M	Chloroform	20.000	18.177	9.1	94	0.00
26	Cyclohexane	20.000	17.409	13.0	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.207	-4.0	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	18.025	9.9	96	0.00
30 M	2-Butanone	100.000	85.005	15.0	82	0.00
31	2,2-Dichloropropane	20.000	17.446	12.8	91	0.00
32 M	1,1,1-Trichloroethane	20.000	18.044	9.8	92	0.00
33 M	Carbon Tetrachloride	20.000	17.695	11.5	91	0.00
34 M	Benzene	20.000	18.264	8.7	95	0.00
35	Methacrylonitrile	20.000	19.057	4.7	106	0.00
36 M	1,2-Dichloroethane	20.000	18.376	8.1	92	0.00
37 M	Trichloroethene	20.000	17.902	10.5	95	0.00
38	Methylcyclohexane	20.000	17.485	12.6	92	0.00
39 M	1,2-Dichloropropane	20.000	19.242	3.8	100	0.00
40	Dibromomethane	20.000	18.360	8.2	94	0.00
41 M	Bromodichloromethane	20.000	18.248	8.8	93	0.00
42 M	Vinyl Acetate	100.000	92.158	7.8	96	0.00
43	Ethyl Acetate	20.000	19.402	3.0	113	0.00
44	Isopropyl Acetate	20.000	18.441	7.8	94	0.00
45 T	1,4-Dioxane	400.000	361.458	9.6	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.156	9.2	94	0.00
47	n-amyl Acetate	20.000	17.409	13.0	92	0.00
48 M	t-1,3-Dichloropropene	20.000	17.532	12.3	95	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.970	10.2	95	0.00
50 M	1,1,2-Trichloroethane	20.000	18.420	7.9	95	0.00
51	Ethyl methacrylate	20.000	17.299	13.5	94	0.00
52	1,3-Dichloropropane	20.000	17.937	10.3	91	0.00
53 M	Dibromochloromethane	20.000	17.466	12.7	94	0.00
54 M	1,2-Dibromoethane	20.000	18.085	9.6	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.726	14.3	96	0.00
56 M	Bromoform	20.000	17.254	13.7	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.981	6.0	95	0.00
59 M	2-Hexanone	100.000	89.972	10.0	88	0.00
60 S	4-Bromofluorobenzene	30.000	29.749	0.8	97	0.00
61 M	Tetrachloroethene	20.000	18.013	9.9	92	0.00
62 M	Toluene	20.000	17.732	11.3	92	0.00
63 S	Toluene-d8	30.000	30.573	-1.9	98	0.00
64 M	Chlorobenzene	20.000	18.135	9.3	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.937	5.3	96	0.00
66 M	Ethyl Benzene	20.000	17.622	11.9	92	0.00
67 M	m/p-Xylenes	40.000	35.319	11.7	92	0.00
68 M	o-Xylene	20.000	17.630	11.9	92	0.00
69 M	Styrene	20.000	17.367	13.2	94	0.00
70	Isopropylbenzene	20.000	17.792	11.0	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.902	5.5	97	0.00
72	1,2,3-Trichloropropane	20.000	17.882	10.6	94	0.00
73	Bromobenzene	20.000	18.066	9.7	93	0.00
74	n-propylbenzene	20.000	17.911	10.4	94	0.00
75	2-Chlorotoluene	20.000	18.202	9.0	93	0.00
76	1,3,5-Trimethylbenzene	20.000	17.767	11.2	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.552	17.2	89	0.00
78	4-Chlorotoluene	20.000	17.863	10.7	93	0.00
79	tert-butylbenzene	20.000	17.354	13.2	89	0.00
80	1,2,4-Trimethylbenzene	20.000	17.704	11.5	93	0.00
81	sec-Butylbenzene	20.000	17.524	12.4	92	0.00
82	p-Isopropyltoluene	20.000	17.546	12.3	93	0.00
83 M	1,3-Dichlorobenzene	20.000	17.408	13.0	93	0.00
84 M	1,4-Dichlorobenzene	20.000	17.509	12.5	93	0.00
85	n-Butylbenzene	20.000	16.940	15.3	90	0.00
86 T	Hexachloroethane	20.000	16.878	15.6	92	0.00
87 M	1,2-Dichlorobenzene	20.000	17.627	11.9	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.437	2.8	104	0.00
89	1,2,4-Trichlorobenzene	20.000	15.815	20.9	88	0.00
90	Hexachlorobutadiene	20.000	17.069	14.7	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.932	20.3	93	0.00
92	1,2,3-Trichlorobenzene	20.000	16.140	19.3	94	0.00

(#) = Out of Range

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