

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100920\
 Data File : VN064032.D
 Acq On : 9 Oct 2020 12:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 10 01:40:49 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	19.842	0.8	94	0.00
3 M	Chloromethane	20.000	20.014	-0.1	99	0.00
4 M	Vinyl Chloride	20.000	18.955	5.2	94	0.00
5 M	Bromomethane	20.000	17.992	10.0	91	0.02
6 M	Chloroethane	20.000	18.182	9.1	91	0.00
7 M	Trichlorofluoromethane	20.000	18.247	8.8	92	0.00
8 T	Diethyl Ether	20.000	19.367	3.2	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.362	8.2	91	0.00
10 M	1,1-Dichloroethene	20.000	17.988	10.1	92	0.00
11	Methyl Iodide	20.000	16.839	15.8	86	0.00
12	Methyl Acetate	20.000	19.200	4.0	97	0.00
13 M	Acrolein	100.000	34.978	65.0#	44	0.00
14 M	Acrylonitrile	100.000	91.703	8.3	96	0.00
15 M	Acetone	100.000	136.011	-36.0#	138	0.00
16 M	Carbon Disulfide	20.000	18.602	7.0	95	0.00
17	Allyl chloride	20.000	20.610	-3.0	99	0.00
18 M	Methylene Chloride	20.000	18.630	6.9	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.199	9.0	96	0.00
20 T	Diisopropyl ether	20.000	19.364	3.2	99	0.00
21 M	1,1-Dichloroethane	20.000	18.273	8.6	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.980	10.1	95	0.00
23 M	tert-Butyl Alcohol	100.000	88.538	11.5	91	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.421	7.9	93	0.00
25 M	Chloroform	20.000	18.069	9.7	91	0.00
26	Cyclohexane	20.000	18.583	7.1	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.792	4.0	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	18.090	9.6	93	0.00
30 M	2-Butanone	100.000	108.032	-8.0	113	0.00
31	2,2-Dichloropropane	20.000	17.989	10.1	91	0.00
32 M	1,1,1-Trichloroethane	20.000	17.336	13.3	88	0.00
33 M	Carbon Tetrachloride	20.000	16.763	16.2	86	0.00
34 M	Benzene	20.000	17.814	10.9	91	0.00
35	Methacrylonitrile	20.000	18.478	7.6	103	0.00
36 M	1,2-Dichloroethane	20.000	17.203	14.0	88	0.00
37 M	Trichloroethene	20.000	17.193	14.0	91	0.00
38	Methylcyclohexane	20.000	18.384	8.1	97	0.00
39 M	1,2-Dichloropropane	20.000	18.371	8.1	93	0.00
40	Dibromomethane	20.000	17.151	14.2	86	0.00
41 M	Bromodichloromethane	20.000	17.185	14.1	89	0.00
42 M	Vinyl Acetate	100.000	92.758	7.2	96	0.00
43	Ethyl Acetate	20.000	16.618	16.9	89	0.00
44	Isopropyl Acetate	20.000	18.178	9.1	94	0.00
45 T	1,4-Dioxane	400.000	341.009	14.7	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.542	12.3	90	0.00
47	n-amyl Acetate	20.000	16.884	15.6	93	0.00
48 M	t-1,3-Dichloropropene	20.000	17.272	13.6	90	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.872	10.6	95	0.00
50 M	1,1,2-Trichloroethane	20.000	17.611	11.9	92	0.00
51	Ethyl methacrylate	20.000	17.010	14.9	91	0.00
52	1,3-Dichloropropane	20.000	17.493	12.5	92	0.00
53 M	Dibromochloromethane	20.000	17.573	12.1	90	0.00
54 M	1,2-Dibromoethane	20.000	17.334	13.3	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	80.931	19.1	91	0.00
56 M	Bromoform	20.000	16.782	16.1	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.895	9.1	91	0.00
59 M	2-Hexanone	100.000	96.960	3.0	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.085	3.0	108	0.00
61 M	Tetrachloroethene	20.000	16.982	15.1	84	0.00
62 M	Toluene	20.000	17.944	10.3	92	0.00
63 S	Toluene-d8	30.000	30.374	-1.2	109	0.00
64 M	Chlorobenzene	20.000	17.569	12.2	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.964	10.2	92	0.00
66 M	Ethyl Benzene	20.000	17.763	11.2	92	0.00
67 M	m/p-Xylenes	40.000	35.175	12.1	91	0.00
68 M	o-Xylene	20.000	17.580	12.1	93	0.00
69 M	Styrene	20.000	17.308	13.5	91	0.00
70	Isopropylbenzene	20.000	17.655	11.7	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.498	12.5	91	0.00
72	1,2,3-Trichloropropane	20.000	16.950	15.3	85	0.00
73	Bromobenzene	20.000	17.005	15.0	91	0.00
74	n-propylbenzene	20.000	17.516	12.4	92	0.00
75	2-Chlorotoluene	20.000	17.712	11.4	93	0.00
76	1,3,5-Trimethylbenzene	20.000	17.608	12.0	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.270	13.7	94	0.00
78	4-Chlorotoluene	20.000	17.478	12.6	91	0.00
79	tert-butylbenzene	20.000	17.592	12.0	94	0.00
80	1,2,4-Trimethylbenzene	20.000	17.659	11.7	92	0.00
81	sec-Butylbenzene	20.000	18.038	9.8	95	0.00
82	p-Isopropyltoluene	20.000	17.678	11.6	95	0.00
83 M	1,3-Dichlorobenzene	20.000	16.866	15.7	90	0.00
84 M	1,4-Dichlorobenzene	20.000	16.752	16.2	90	0.00
85	n-Butylbenzene	20.000	17.176	14.1	93	0.00
86 T	Hexachloroethane	20.000	17.754	11.2	96	0.00
87 M	1,2-Dichlorobenzene	20.000	16.915	15.4	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.722	21.4	82	0.00
89	1,2,4-Trichlorobenzene	20.000	15.610	22.0	85	0.00
90	Hexachlorobutadiene	20.000	17.682	11.6	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.430	22.9	82	0.00
92	1,2,3-Trichlorobenzene	20.000	16.189	19.1	86	0.00

(#) = Out of Range

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