

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100719\
 Data File : VN058558.D
 Acq On : 7 Oct 2019 11:26
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 08 14:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 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	85	0.00
2 M	Dichlorodifluoromethane	20.000	20.288	-1.4	84	0.00
3 M	Chloromethane	20.000	22.917	-14.6	99	0.00
4 M	Vinyl Chloride	20.000	21.225	-6.1	90	0.00
5 M	Bromomethane	20.000	19.453	2.7	89	0.00
6 M	Chloroethane	20.000	22.386	-11.9	93	0.00
7 M	Trichlorofluoromethane	20.000	21.344	-6.7	88	0.00
8 T	Diethyl Ether	20.000	20.379	-1.9	88	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.048	-0.2	86	0.00
10 M	1,1-Dichloroethene	20.000	20.039	-0.2	86	0.00
11	Methyl Iodide	20.000	17.177	14.1	83	0.00
12	Methyl Acetate	20.000	20.477	-2.4	92	0.00
13 M	Acrolein	100.000	197.831	-97.8#	166	0.00
14 M	Acrylonitrile	100.000	100.270	-0.3	87	0.00
15 M	Acetone	100.000	131.591	-31.6#	107	0.00
16 M	Carbon Disulfide	20.000	19.949	0.3	92	0.00
17	Allyl chloride	20.000	21.252	-6.3	93	0.00
18 M	Methylene Chloride	20.000	21.231	-6.2	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.867	0.7	86	0.00
20 T	Diisopropyl ether	20.000	20.418	-2.1	89	0.00
21 M	1,1-Dichloroethane	20.000	20.769	-3.8	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.913	0.4	86	0.00
23 M	tert-Butyl Alcohol	100.000	103.897	-3.9	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.546	-2.7	89	0.00
25 M	Chloroform	20.000	20.337	-1.7	89	0.00
26	Cyclohexane	20.000	18.905	5.5	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.080	-0.3	84	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	19.680	1.6	85	0.00
30 M	2-Butanone	100.000	105.825	-5.8	91	0.00
31	2,2-Dichloropropane	20.000	23.526	-17.6	102	0.00
32 M	1,1,1-Trichloroethane	20.000	20.982	-4.9	91	0.00
33 M	Carbon Tetrachloride	20.000	20.805	-4.0	91	0.00
34 M	Benzene	20.000	20.138	-0.7	86	0.00
35	Methacrylonitrile	20.000	23.072	-15.4	102	0.00
36 M	1,2-Dichloroethane	20.000	20.018	-0.1	87	0.00
37 M	Trichloroethene	20.000	20.081	-0.4	86	0.00
38	Methylcyclohexane	20.000	17.847	10.8	79	0.00
39 M	1,2-Dichloropropane	20.000	20.490	-2.4	89	0.00
40	Dibromomethane	20.000	20.136	-0.7	87	0.00
41 M	Bromodichloromethane	20.000	20.760	-3.8	92	0.00
42 M	Vinyl Acetate	100.000	111.434	-11.4	89	0.00
43	Ethyl Acetate	20.000	19.463	2.7	85	0.00
44	Isopropyl Acetate	20.000	19.231	3.8	84	0.00
45 T	1,4-Dioxane	400.000	373.814	6.5	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.889	5.6	84	0.00
47	n-amyl Acetate	20.000	19.382	3.1	88	0.00
48 M	t-1,3-Dichloropropene	20.000	20.842	-4.2	95	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.691	-3.5	91	0.00
50 M	1,1,2-Trichloroethane	20.000	20.695	-3.5	89	0.00
51	Ethyl methacrylate	20.000	18.808	6.0	84	0.00
52	1,3-Dichloropropane	20.000	19.908	0.5	85	0.00
53 M	Dibromochloromethane	20.000	20.184	-0.9	92	0.00
54 M	1,2-Dibromoethane	20.000	19.935	0.3	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	111.521	-11.5	98	0.00
56 M	Bromoform	20.000	20.024	-0.1	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.699	-5.7	84	0.00
59 M	2-Hexanone	100.000	105.995	-6.0	87	0.00
60 S	4-Bromofluorobenzene	30.000	29.538	1.5	84	0.00
61 M	Tetrachloroethene	20.000	21.646	-8.2	93	0.00
62 M	Toluene	20.000	20.641	-3.2	86	0.00
63 S	Toluene-d8	30.000	29.998	0.0	84	0.00
64 M	Chlorobenzene	20.000	19.905	0.5	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.360	-6.8	94	0.00
66 M	Ethyl Benzene	20.000	21.081	-5.4	86	0.00
67 M	m/p-Xylenes	40.000	39.325	1.7	84	0.00
68 M	o-Xylene	20.000	19.276	3.6	82	0.00
69 M	Styrene	20.000	18.950	5.3	82	0.00
70	Isopropylbenzene	20.000	20.594	-3.0	84	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.491	2.5	84	0.00
72	1,2,3-Trichloropropane	20.000	22.599	-13.0	96	0.00
73	Bromobenzene	20.000	20.036	-0.2	86	0.00
74	n-propylbenzene	20.000	21.024	-5.1	84	0.00
75	2-Chlorotoluene	20.000	20.181	-0.9	86	0.00
76	1,3,5-Trimethylbenzene	20.000	20.020	-0.1	83	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.237	-1.2	100	0.00
78	4-Chlorotoluene	20.000	20.140	-0.7	86	0.00
79	tert-butylbenzene	20.000	19.197	4.0	82	0.00
80	1,2,4-Trimethylbenzene	20.000	20.098	-0.5	82	0.00
81	sec-Butylbenzene	20.000	19.718	1.4	80	0.00
82	p-Isopropyltoluene	20.000	19.658	1.7	82	0.00
83 M	1,3-Dichlorobenzene	20.000	19.030	4.8	83	0.00
84 M	1,4-Dichlorobenzene	20.000	18.953	5.2	84	0.00
85	n-Butylbenzene	20.000	18.901	5.5	80	0.00
86 T	Hexachloroethane	20.000	20.207	-1.0	93	0.00
87 M	1,2-Dichlorobenzene	20.000	19.486	2.6	84	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.546	2.3	91	0.00
89	1,2,4-Trichlorobenzene	20.000	16.766	16.2	78	0.00
90	Hexachlorobutadiene	20.000	16.623	16.9	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.296	13.5	80	0.00
92	1,2,3-Trichlorobenzene	20.000	16.564	17.2	78	0.00

(#) = Out of Range

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