

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092419\
 Data File : VN058348.D
 Acq On : 24 Sep 2019 16:09
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 25 02:04:18 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	20.240	-1.2	92	0.00
3 M	Chloromethane	20.000	20.037	-0.2	95	0.00
4 M	Vinyl Chloride	20.000	20.344	-1.7	94	0.00
5 M	Bromomethane	20.000	20.084	-0.4	100	0.00
6 M	Chloroethane	20.000	20.236	-1.2	92	0.00
7 M	Trichlorofluoromethane	20.000	20.030	-0.2	91	0.00
8 T	Diethyl Ether	20.000	20.203	-1.0	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.184	-0.9	95	0.00
10 M	1,1-Dichloroethene	20.000	19.683	1.6	92	0.00
11	Methyl Iodide	20.000	20.170	-0.9	106	0.00
12	Methyl Acetate	20.000	19.862	0.7	97	0.00
13 M	Acrolein	100.000	97.877	2.1	90	0.00
14 M	Acrylonitrile	100.000	99.611	0.4	95	0.00
15 M	Acetone	100.000	104.424	-4.4	93	0.00
16 M	Carbon Disulfide	20.000	19.135	4.3	96	0.00
17	Allyl chloride	20.000	19.351	3.2	92	0.00
18 M	Methylene Chloride	20.000	20.346	-1.7	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.391	3.0	91	0.00
20 T	Diisopropyl ether	20.000	19.847	0.8	95	0.00
21 M	1,1-Dichloroethane	20.000	20.029	-0.1	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.780	1.1	93	0.00
23 M	tert-Butyl Alcohol	100.000	96.939	3.1	94	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.883	0.6	94	0.00
25 M	Chloroform	20.000	19.656	1.7	94	0.00
26	Cyclohexane	20.000	19.617	1.9	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.544	-1.8	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	19.322	3.4	92	0.00
30 M	2-Butanone	100.000	98.313	1.7	94	0.00
31	2,2-Dichloropropane	20.000	19.430	2.9	94	0.00
32 M	1,1,1-Trichloroethane	20.000	19.510	2.4	94	0.00
33 M	Carbon Tetrachloride	20.000	19.237	3.8	93	0.00
34 M	Benzene	20.000	19.744	1.3	93	0.00
35	Methacrylonitrile	20.000	18.631	6.8	92	0.00
36 M	1,2-Dichloroethane	20.000	19.410	2.9	93	0.00
37 M	Trichloroethene	20.000	19.304	3.5	92	0.00
38	Methylcyclohexane	20.000	19.160	4.2	94	0.00
39 M	1,2-Dichloropropane	20.000	19.689	1.6	95	0.00
40	Dibromomethane	20.000	19.846	0.8	95	0.00
41 M	Bromodichloromethane	20.000	19.023	4.9	93	0.00
42 M	Vinyl Acetate	100.000	106.803	-6.8	95	0.00
43	Ethyl Acetate	20.000	20.305	-1.5	99	0.00
44	Isopropyl Acetate	20.000	18.767	6.2	91	0.00
45 T	1,4-Dioxane	400.000	387.210	3.2	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.340	3.3	96	0.00
47	n-amyl Acetate	20.000	17.975	10.1	91	0.00
48 M	t-1,3-Dichloropropene	20.000	18.679	6.6	95	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.227	3.9	94	0.00
50 M	1,1,2-Trichloroethane	20.000	19.311	3.4	93	0.00
51	Ethyl methacrylate	20.000	18.719	6.4	93	0.00
52	1,3-Dichloropropane	20.000	19.711	1.4	94	0.00
53 M	Dibromochloromethane	20.000	18.477	7.6	94	0.00
54 M	1,2-Dibromoethane	20.000	19.096	4.5	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.161	-0.2	98	0.00
56 M	Bromoform	20.000	18.124	9.4	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.437	-8.4	94	0.00
59 M	2-Hexanone	100.000	105.545	-5.5	95	0.00
60 S	4-Bromofluorobenzene	30.000	29.598	1.3	92	0.00
61 M	Tetrachloroethene	20.000	19.606	2.0	92	0.00
62 M	Toluene	20.000	20.606	-3.0	94	0.00
63 S	Toluene-d8	30.000	30.342	-1.1	93	0.00
64 M	Chlorobenzene	20.000	19.696	1.5	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.483	2.6	94	0.00
66 M	Ethyl Benzene	20.000	20.734	-3.7	92	0.00
67 M	m/p-Xylenes	40.000	39.596	1.0	92	0.00
68 M	o-Xylene	20.000	19.837	0.8	92	0.00
69 M	Styrene	20.000	19.348	3.3	91	0.00
70	Isopropylbenzene	20.000	20.707	-3.5	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.650	1.8	93	0.00
72	1,2,3-Trichloropropane	20.000	20.491	-2.5	95	0.00
73	Bromobenzene	20.000	19.235	3.8	90	0.00
74	n-propylbenzene	20.000	21.147	-5.7	93	0.00
75	2-Chlorotoluene	20.000	20.049	-0.2	93	0.00
76	1,3,5-Trimethylbenzene	20.000	20.407	-2.0	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.493	12.5	94	0.00
78	4-Chlorotoluene	20.000	19.692	1.5	92	0.00
79	tert-butylbenzene	20.000	20.092	-0.5	94	0.00
80	1,2,4-Trimethylbenzene	20.000	20.222	-1.1	90	0.00
81	sec-Butylbenzene	20.000	20.793	-4.0	92	0.00
82	p-Isopropyltoluene	20.000	20.348	-1.7	92	0.00
83 M	1,3-Dichlorobenzene	20.000	18.920	5.4	90	0.00
84 M	1,4-Dichlorobenzene	20.000	19.056	4.7	92	0.00
85	n-Butylbenzene	20.000	19.810	1.0	92	0.00
86 T	Hexachloroethane	20.000	18.477	7.6	93	0.00
87 M	1,2-Dichlorobenzene	20.000	19.005	5.0	90	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.260	8.7	93	0.00
89	1,2,4-Trichlorobenzene	20.000	18.514	7.4	95	0.00
90	Hexachlorobutadiene	20.000	19.318	3.4	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.290	3.6	98	0.00
92	1,2,3-Trichlorobenzene	20.000	17.802	11.0	91	0.00

(#) = Out of Range

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