

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN011819\
 Data File : VN053459.D
 Acq On : 18 Jan 2019 8:50
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 18 10:00:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 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	75	0.00
2 M	Dichlorodifluoromethane	20.000	15.987	20.1	59	0.00
3 M	Chloromethane	20.000	17.715	11.4	67	0.00
4 M	Vinyl Chloride	20.000	17.873	10.6	67	0.00
5 M	Bromomethane	20.000	18.569	7.2	72	0.00
6 M	Chloroethane	20.000	18.447	7.8	70	0.00
7 M	Trichlorofluoromethane	20.000	19.815	0.9	75	0.00
8 T	Diethyl Ether	20.000	19.276	3.6	74	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.510	-2.6	78	0.00
10 M	1,1-Dichloroethene	20.000	19.416	2.9	74	0.00
11	Methyl Iodide	20.000	19.947	0.3	77	0.00
12	Methyl Acetate	20.000	20.765	-3.8	84	0.00
13 M	Acrolein	100.000	83.617	16.4	66	0.00
14 M	Acrylonitrile	100.000	99.147	0.9	75	0.00
15 M	Acetone	100.000	148.183	-48.2#	110	0.00
16 M	Carbon Disulfide	20.000	18.262	8.7	71	0.00
17	Allyl chloride	20.000	17.602	12.0	65	0.00
18 M	Methylene Chloride	20.000	19.505	2.5	75	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.363	3.2	74	0.00
20 T	Diisopropyl ether	20.000	19.278	3.6	72	0.00
21 M	1,1-Dichloroethane	20.000	19.597	2.0	75	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.763	1.2	76	0.00
23 M	tert-Butyl Alcohol	100.000	103.617	-3.6	82	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.247	3.8	73	0.00
25 M	Chloroform	20.000	20.251	-1.3	77	0.00
26	Cyclohexane	20.000	18.965	5.2	73	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.714	1.0	74	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	72	0.00
29	1,1-Dichloropropene	20.000	20.380	-1.9	76	0.00
30 M	2-Butanone	100.000	119.800	-19.8	86	0.00
31	2,2-Dichloropropane	20.000	20.224	-1.1	75	0.00
32 M	1,1,1-Trichloroethane	20.000	20.865	-4.3	77	0.00
33 M	Carbon Tetrachloride	20.000	21.113	-5.6	78	0.00
34 M	Benzene	20.000	20.254	-1.3	74	0.00
35	Methacrylonitrile	20.000	21.430	-7.1	77	0.00
36 M	1,2-Dichloroethane	20.000	21.011	-5.1	76	0.00
37 M	Trichloroethene	20.000	21.195	-6.0	78	0.00
38	Methylcyclohexane	20.000	21.312	-6.6	80	0.00
39 M	1,2-Dichloropropane	20.000	20.648	-3.2	76	0.00
40	Dibromomethane	20.000	21.422	-7.1	79	0.00
41 M	Bromodichloromethane	20.000	20.439	-2.2	76	0.00
42 M	Vinyl Acetate	100.000	101.443	-1.4	73	0.00
43	Ethyl Acetate	20.000	20.853	-4.3	74	0.00
44	Isopropyl Acetate	20.000	20.214	-1.1	76	0.00
45 T	1,4-Dioxane	400.000	414.382	-3.6	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.968	0.2	74	0.00
47	n-amyl Acetate	20.000	20.435	-2.2	78	0.00
48 M	t-1,3-Dichloropropene	20.000	20.277	-1.4	76	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.305	-1.5	76	0.00
50 M	1,1,2-Trichloroethane	20.000	21.234	-6.2	77	0.00
51	Ethyl methacrylate	20.000	20.237	-1.2	76	0.00
52	1,3-Dichloropropane	20.000	20.918	-4.6	77	0.00
53 M	Dibromochloromethane	20.000	21.182	-5.9	80	0.00
54 M	1,2-Dibromoethane	20.000	20.502	-2.5	75	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.431	6.6	68	0.00
56 M	Bromoform	20.000	21.433	-7.2	81	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	75	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.939	-3.9	76	0.00
59 M	2-Hexanone	100.000	113.676	-13.7	84	0.00
60 S	4-Bromofluorobenzene	30.000	31.243	-4.1	79	0.00
61 M	Tetrachloroethene	20.000	22.427	-12.1	84	0.00
62 M	Toluene	20.000	20.216	-1.1	76	0.00
63 S	Toluene-d8	30.000	29.915	0.3	73	0.00
64 M	Chlorobenzene	20.000	20.534	-2.7	78	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.732	-3.7	79	0.00
66 M	Ethyl Benzene	20.000	20.138	-0.7	77	0.00
67 M	m/p-Xylenes	40.000	41.962	-4.9	79	0.00
68 M	o-Xylene	20.000	20.704	-3.5	78	0.00
69 M	Styrene	20.000	21.009	-5.0	80	0.00
70	Isopropylbenzene	20.000	21.094	-5.5	80	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.695	-3.5	78	0.00
72	1,2,3-Trichloropropane	20.000	22.188	-10.9	80	0.00
73	Bromobenzene	20.000	21.489	-7.4	81	0.00
74	n-propylbenzene	20.000	21.952	-9.8	84	0.00
75	2-Chlorotoluene	20.000	21.528	-7.6	81	0.00
76	1,3,5-Trimethylbenzene	20.000	22.376	-11.9	84	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.084	-0.4	80	0.00
78	4-Chlorotoluene	20.000	21.946	-9.7	83	0.00
79	tert-butylbenzene	20.000	22.152	-10.8	84	0.00
80	1,2,4-Trimethylbenzene	20.000	22.292	-11.5	84	0.00
81	sec-Butylbenzene	20.000	23.533	-17.7	90	0.00
82	p-Isopropyltoluene	20.000	23.881	-19.4	91	0.00
83 M	1,3-Dichlorobenzene	20.000	22.962	-14.8	88	0.00
84 M	1,4-Dichlorobenzene	20.000	22.881	-14.4	87	0.00
85	n-Butylbenzene	20.000	24.731	-23.7	96	0.00
86 T	Hexachloroethane	20.000	22.946	-14.7	90	0.00
87 M	1,2-Dichlorobenzene	20.000	23.209	-16.0	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.844	-4.2	77	0.00
89	1,2,4-Trichlorobenzene	20.000	20.754	-3.8	83	0.00
90	Hexachlorobutadiene	20.000	28.539	-42.7#	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.273	23.6	62	0.00
92	1,2,3-Trichlorobenzene	20.000	17.278	13.6	69	0.00

(#) = Out of Range

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