

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN090519\
 Data File : VN057700.D
 Acq On : 5 Sep 2019 12:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 06 01:45:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	19.646	1.8	107	0.00
3 M	Chloromethane	20.000	17.405	13.0	91	0.00
4 M	Vinyl Chloride	20.000	19.097	4.5	100	0.00
5 M	Bromomethane	20.000	19.925	0.4	100	0.02
6 M	Chloroethane	20.000	18.189	9.1	92	0.00
7 M	Trichlorofluoromethane	20.000	19.310	3.5	104	0.00
8 T	Diethyl Ether	20.000	18.467	7.7	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.162	4.2	101	0.00
10 M	1,1-Dichloroethene	20.000	19.026	4.9	101	0.00
11	Methyl Iodide	20.000	17.627	11.9	98	0.00
12	Methyl Acetate	20.000	18.185	9.1	95	0.00
13 M	Acrolein	100.000	67.285	32.7#	68	0.00
14 M	Acrylonitrile	100.000	88.846	11.2	94	0.00
15 M	Acetone	100.000	77.856	22.1	85	0.00
16 M	Carbon Disulfide	20.000	18.526	7.4	103	0.00
17	Allyl chloride	20.000	19.176	4.1	109	0.00
18 M	Methylene Chloride	20.000	18.190	9.0	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.929	5.4	100	0.00
20 T	Diisopropyl ether	20.000	18.995	5.0	98	0.00
21 M	1,1-Dichloroethane	20.000	18.772	6.1	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.931	5.3	98	0.00
23 M	tert-Butyl Alcohol	100.000	81.428	18.6	90	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.757	6.2	99	0.00
25 M	Chloroform	20.000	19.161	4.2	100	0.00
26	Cyclohexane	20.000	18.634	6.8	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.833	0.6	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	19.002	5.0	96	0.00
30 M	2-Butanone	100.000	87.936	12.1	91	0.00
31	2,2-Dichloropropane	20.000	17.798	11.0	94	0.00
32 M	1,1,1-Trichloroethane	20.000	19.694	1.5	103	0.00
33 M	Carbon Tetrachloride	20.000	19.511	2.4	104	0.00
34 M	Benzene	20.000	19.460	2.7	98	0.00
35	Methacrylonitrile	20.000	21.726	-8.6	123	0.00
36 M	1,2-Dichloroethane	20.000	19.167	4.2	100	0.00
37 M	Trichloroethene	20.000	19.492	2.5	100	0.00
38	Methylcyclohexane	20.000	19.016	4.9	98	0.00
39 M	1,2-Dichloropropane	20.000	19.501	2.5	98	0.00
40	Dibromomethane	20.000	19.032	4.8	99	0.00
41 M	Bromodichloromethane	20.000	18.741	6.3	100	0.00
42 M	Vinyl Acetate	100.000	99.066	0.9	97	0.00
43	Ethyl Acetate	20.000	17.288	13.6	93	0.00
44	Isopropyl Acetate	20.000	18.601	7.0	96	0.00
45 T	1,4-Dioxane	400.000	309.249	22.7	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.258	8.7	97	0.00
47	n-amyl Acetate	20.000	15.857	20.7	91	0.00
48 M	t-1,3-Dichloropropene	20.000	17.559	12.2	94	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.084	9.6	95	0.00
50 M	1,1,2-Trichloroethane	20.000	19.136	4.3	98	0.00
51	Ethyl methacrylate	20.000	17.581	12.1	95	0.00
52	1,3-Dichloropropane	20.000	18.560	7.2	95	0.00
53 M	Dibromochloromethane	20.000	17.908	10.5	100	0.00
54 M	1,2-Dibromoethane	20.000	18.588	7.1	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	62.129	37.9#	72	0.00
56 M	Bromoform	20.000	16.724	16.4	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.570	-1.6	95	0.00
59 M	2-Hexanone	100.000	93.374	6.6	95	0.00
60 S	4-Bromofluorobenzene	30.000	28.024	6.6	97	0.00
61 M	Tetrachloroethene	20.000	20.680	-3.4	96	0.00
62 M	Toluene	20.000	19.488	2.6	95	0.00
63 S	Toluene-d8	30.000	30.801	-2.7	96	0.00
64 M	Chlorobenzene	20.000	19.024	4.9	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.109	-0.5	104	0.00
66 M	Ethyl Benzene	20.000	19.797	1.0	97	0.00
67 M	m/p-Xylenes	40.000	37.676	5.8	96	0.00
68 M	o-Xylene	20.000	18.746	6.3	95	0.00
69 M	Styrene	20.000	17.386	13.1	92	0.00
70	Isopropylbenzene	20.000	19.398	3.0	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.360	3.2	96	0.00
72	1,2,3-Trichloropropane	20.000	18.683	6.6	97	0.00
73	Bromobenzene	20.000	18.027	9.9	98	0.00
74	n-propylbenzene	20.000	17.726	11.4	93	0.00
75	2-Chlorotoluene	20.000	18.616	6.9	97	0.00
76	1,3,5-Trimethylbenzene	20.000	18.920	5.4	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.872	20.6	94	0.00
78	4-Chlorotoluene	20.000	16.794	16.0	94	0.00
79	tert-butylbenzene	20.000	18.352	8.2	96	0.00
80	1,2,4-Trimethylbenzene	20.000	17.995	10.0	95	0.00
81	sec-Butylbenzene	20.000	17.614	11.9	93	0.00
82	p-Isopropyltoluene	20.000	16.645	16.8	90	0.00
83 M	1,3-Dichlorobenzene	20.000	17.171	14.1	99	0.00
84 M	1,4-Dichlorobenzene	20.000	16.768	16.2	99	0.00
85	n-Butylbenzene	20.000	16.058	19.7	86	0.00
86 T	Hexachloroethane	20.000	18.229	8.9	99	0.00
87 M	1,2-Dichlorobenzene	20.000	18.861	5.7	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.358	23.2	108	0.00
89	1,2,4-Trichlorobenzene	20.000	12.619	36.9#	121	0.00
90	Hexachlorobutadiene	20.000	17.159	14.2	87	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	11.399	43.0#	116	0.00
92	1,2,3-Trichlorobenzene	20.000	12.838	35.8#	121	0.00

(#) = Out of Range

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