

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102519\
 Data File : VN058970.D
 Acq On : 24 Oct 2019 18:30
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 25 03:14:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 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	77	0.00
2 M	Dichlorodifluoromethane	20.000	20.170	-0.9	74	0.00
3 M	Chloromethane	20.000	19.522	2.4	73	0.00
4 M	Vinyl Chloride	20.000	20.175	-0.9	74	0.00
5 M	Bromomethane	20.000	17.977	10.1	65	0.00
6 M	Chloroethane	20.000	21.670	-8.4	81	0.00
7 M	Trichlorofluoromethane	20.000	22.281	-11.4	83	0.00
8 T	Diethyl Ether	20.000	19.660	1.7	73	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.107	-5.5	79	0.00
10 M	1,1-Dichloroethene	20.000	19.712	1.4	73	0.00
11	Methyl Iodide	20.000	12.436	37.8#	48	0.00
12	Methyl Acetate	20.000	22.311	-11.6	86	0.00
13 M	Acrolein	100.000	71.019	29.0	57	0.00
14 M	Acrylonitrile	100.000	104.092	-4.1	81	0.00
15 M	Acetone	100.000	101.888	-1.9	80	0.00
16 M	Carbon Disulfide	20.000	19.970	0.2	75	0.00
17	Allyl chloride	20.000	20.285	-1.4	76	0.00
18 M	Methylene Chloride	20.000	21.003	-5.0	79	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.377	-1.9	76	0.00
20 T	Diisopropyl ether	20.000	20.967	-4.8	79	0.00
21 M	1,1-Dichloroethane	20.000	21.012	-5.1	79	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.646	1.8	73	0.00
23 M	tert-Butyl Alcohol	100.000	98.721	1.3	77	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.494	2.5	73	0.00
25 M	Chloroform	20.000	20.756	-3.8	78	0.00
26	Cyclohexane	20.000	19.309	3.5	74	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.306	-7.7	82	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	78	0.00
29	1,1-Dichloropropene	20.000	19.628	1.9	75	0.00
30 M	2-Butanone	100.000	98.417	1.6	78	0.00
31	2,2-Dichloropropane	20.000	19.546	2.3	77	0.00
32 M	1,1,1-Trichloroethane	20.000	20.249	-1.2	76	0.00
33 M	Carbon Tetrachloride	20.000	20.353	-1.8	77	0.00
34 M	Benzene	20.000	19.850	0.7	75	0.00
35	Methacrylonitrile	20.000	19.100	4.5	73	0.00
36 M	1,2-Dichloroethane	20.000	20.437	-2.2	77	0.00
37 M	Trichloroethene	20.000	19.380	3.1	74	0.00
38	Methylcyclohexane	20.000	17.752	11.2	69	0.00
39 M	1,2-Dichloropropane	20.000	20.435	-2.2	76	0.00
40	Dibromomethane	20.000	20.216	-1.1	76	0.00
41 M	Bromodichloromethane	20.000	20.384	-1.9	77	0.00
42 M	Vinyl Acetate	100.000	104.075	-4.1	76	0.00
43	Ethyl Acetate	20.000	20.538	-2.7	78	0.00
44	Isopropyl Acetate	20.000	19.823	0.9	77	0.00
45 T	1,4-Dioxane	400.000	373.263	6.7	74	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.873	5.6	74	0.00
47	n-amyl Acetate	20.000	18.311	8.4	73	0.00
48 M	t-1,3-Dichloropropene	20.000	19.103	4.5	74	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.331	3.3	74	0.00
50 M	1,1,2-Trichloroethane	20.000	20.474	-2.4	78	0.00
51	Ethyl methacrylate	20.000	18.336	8.3	72	0.00
52	1,3-Dichloropropane	20.000	19.594	2.0	74	0.00
53 M	Dibromochloromethane	20.000	19.629	1.9	76	0.00
54 M	1,2-Dibromoethane	20.000	19.607	2.0	75	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.953	13.0	64	0.00
56 M	Bromoform	20.000	19.987	0.1	80	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.189	-5.2	78	0.00
59 M	2-Hexanone	100.000	98.672	1.3	76	0.00
60 S	4-Bromofluorobenzene	30.000	28.908	3.6	77	0.00
61 M	Tetrachloroethene	20.000	19.479	2.6	74	0.00
62 M	Toluene	20.000	19.611	1.9	75	0.00
63 S	Toluene-d8	30.000	30.540	-1.8	80	0.00
64 M	Chlorobenzene	20.000	19.226	3.9	74	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.919	0.4	77	0.00
66 M	Ethyl Benzene	20.000	18.922	5.4	73	0.00
67 M	m/p-Xylenes	40.000	37.413	6.5	72	0.00
68 M	o-Xylene	20.000	18.490	7.6	72	0.00
69 M	Styrene	20.000	17.815	10.9	71	0.00
70	Isopropylbenzene	20.000	18.603	7.0	72	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.898	0.5	77	0.00
72	1,2,3-Trichloropropane	20.000	20.692	-3.5	80	0.00
73	Bromobenzene	20.000	18.330	8.4	72	0.00
74	n-propylbenzene	20.000	18.943	5.3	72	0.00
75	2-Chlorotoluene	20.000	18.973	5.1	74	0.00
76	1,3,5-Trimethylbenzene	20.000	18.724	6.4	73	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.590	7.1	75	0.00
78	4-Chlorotoluene	20.000	18.495	7.5	73	0.00
79	tert-butylbenzene	20.000	18.280	8.6	71	0.00
80	1,2,4-Trimethylbenzene	20.000	18.786	6.1	73	0.00
81	sec-Butylbenzene	20.000	18.384	8.1	71	0.00
82	p-Isopropyltoluene	20.000	17.921	10.4	70	0.00
83 M	1,3-Dichlorobenzene	20.000	17.993	10.0	71	0.00
84 M	1,4-Dichlorobenzene	20.000	17.660	11.7	69	0.00
85	n-Butylbenzene	20.000	17.118	14.4	69	0.00
86 T	Hexachloroethane	20.000	19.668	1.7	78	0.00
87 M	1,2-Dichlorobenzene	20.000	18.370	8.1	73	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.725	6.4	73	0.00
89	1,2,4-Trichlorobenzene	20.000	15.409	23.0	62	0.00
90	Hexachlorobutadiene	20.000	17.517	12.4	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.773	26.1	59	0.00
92	1,2,3-Trichlorobenzene	20.000	16.342	18.3	65	0.00

(#) = Out of Range

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