

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN101219\
 Data File : VN058687.D
 Acq On : 11 Oct 2019 8:43
 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 11 17:31:59 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	80	0.00
2 M	Dichlorodifluoromethane	20.000	21.822	-9.1	83	0.00
3 M	Chloromethane	20.000	20.736	-3.7	80	0.00
4 M	Vinyl Chloride	20.000	19.892	0.5	76	0.00
5 M	Bromomethane	20.000	20.105	-0.5	75	0.00
6 M	Chloroethane	20.000	20.541	-2.7	79	0.00
7 M	Trichlorofluoromethane	20.000	21.314	-6.6	82	0.00
8 T	Diethyl Ether	20.000	20.091	-0.5	77	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.641	-3.2	80	0.00
10 M	1,1-Dichloroethene	20.000	19.493	2.5	75	0.00
11	Methyl Iodide	20.000	19.467	2.7	78	0.00
12	Methyl Acetate	20.000	20.012	-0.1	80	0.00
13 M	Acrolein	100.000	82.776	17.2	69	0.00
14 M	Acrylonitrile	100.000	99.174	0.8	80	0.00
15 M	Acetone	100.000	101.680	-1.7	83	0.00
16 M	Carbon Disulfide	20.000	19.808	1.0	77	0.00
17	Allyl chloride	20.000	17.647	11.8	69	0.00
18 M	Methylene Chloride	20.000	20.168	-0.8	79	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.149	-0.7	77	0.00
20 T	Diisopropyl ether	20.000	20.134	-0.7	79	0.00
21 M	1,1-Dichloroethane	20.000	20.473	-2.4	80	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.573	2.1	76	0.00
23 M	tert-Butyl Alcohol	100.000	94.838	5.2	77	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.002	-0.0	78	0.00
25 M	Chloroform	20.000	20.755	-3.8	81	0.00
26	Cyclohexane	20.000	19.845	0.8	79	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.110	-0.4	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	78	0.00
29	1,1-Dichloropropene	20.000	20.695	-3.5	79	0.00
30 M	2-Butanone	100.000	104.561	-4.6	83	0.00
31	2,2-Dichloropropane	20.000	21.289	-6.4	84	0.00
32 M	1,1,1-Trichloroethane	20.000	20.861	-4.3	78	0.00
33 M	Carbon Tetrachloride	20.000	20.608	-3.0	78	0.00
34 M	Benzene	20.000	20.724	-3.6	79	0.00
35	Methacrylonitrile	20.000	18.053	9.7	69	0.00
36 M	1,2-Dichloroethane	20.000	21.052	-5.3	80	0.00
37 M	Trichloroethene	20.000	20.494	-2.5	78	0.00
38	Methylcyclohexane	20.000	19.801	1.0	77	0.00
39 M	1,2-Dichloropropane	20.000	20.613	-3.1	77	0.00
40	Dibromomethane	20.000	20.736	-3.7	78	0.00
41 M	Bromodichloromethane	20.000	20.659	-3.3	78	0.00
42 M	Vinyl Acetate	100.000	106.032	-6.0	78	0.00
43	Ethyl Acetate	20.000	18.267	8.7	69	0.00
44	Isopropyl Acetate	20.000	20.174	-0.9	78	0.00
45 T	1,4-Dioxane	400.000	387.113	3.2	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.614	1.9	77	0.00
47	n-amyl Acetate	20.000	19.406	3.0	77	0.00
48 M	t-1,3-Dichloropropene	20.000	20.046	-0.2	78	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.336	-1.7	78	0.00
50 M	1,1,2-Trichloroethane	20.000	20.838	-4.2	79	0.00
51	Ethyl methacrylate	20.000	19.268	3.7	76	0.00
52	1,3-Dichloropropane	20.000	20.528	-2.6	78	0.00
53 M	Dibromochloromethane	20.000	20.141	-0.7	78	0.00
54 M	1,2-Dibromoethane	20.000	20.604	-3.0	79	0.00
55 M	2-Chloroethyl vinyl ether	100.000	112.647	-12.6	82	0.00
56 M	Bromoform	20.000	19.617	1.9	78	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.561	-3.6	78	0.00
59 M	2-Hexanone	100.000	107.398	-7.4	84	0.00
60 S	4-Bromofluorobenzene	30.000	29.551	1.5	80	0.00
61 M	Tetrachloroethene	20.000	20.855	-4.3	80	0.00
62 M	Toluene	20.000	20.229	-1.1	78	0.00
63 S	Toluene-d8	30.000	29.607	1.3	78	0.00
64 M	Chlorobenzene	20.000	20.156	-0.8	78	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.969	0.2	78	0.00
66 M	Ethyl Benzene	20.000	20.300	-1.5	79	0.00
67 M	m/p-Xylenes	40.000	39.781	0.5	78	0.00
68 M	o-Xylene	20.000	19.284	3.6	76	0.00
69 M	Styrene	20.000	19.217	3.9	77	0.00
70	Isopropylbenzene	20.000	19.847	0.8	77	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.996	0.0	78	0.00
72	1,2,3-Trichloropropane	20.000	19.663	1.7	77	0.00
73	Bromobenzene	20.000	19.592	2.0	78	0.00
74	n-propylbenzene	20.000	20.777	-3.9	80	0.00
75	2-Chlorotoluene	20.000	20.169	-0.8	79	0.00
76	1,3,5-Trimethylbenzene	20.000	20.156	-0.8	79	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.986	5.1	78	0.00
78	4-Chlorotoluene	20.000	19.965	0.2	79	0.00
79	tert-butylbenzene	20.000	19.895	0.5	78	0.00
80	1,2,4-Trimethylbenzene	20.000	20.093	-0.5	78	0.00
81	sec-Butylbenzene	20.000	20.067	-0.3	78	0.00
82	p-Isopropyltoluene	20.000	19.589	2.1	77	0.00
83 M	1,3-Dichlorobenzene	20.000	19.673	1.6	78	0.00
84 M	1,4-Dichlorobenzene	20.000	18.964	5.2	75	0.00
85	n-Butylbenzene	20.000	19.684	1.6	80	0.00
86 T	Hexachloroethane	20.000	19.272	3.6	77	0.00
87 M	1,2-Dichlorobenzene	20.000	19.684	1.6	79	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.120	4.4	75	0.00
89	1,2,4-Trichlorobenzene	20.000	18.771	6.1	76	0.00
90	Hexachlorobutadiene	20.000	19.715	1.4	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.466	7.7	74	0.00
92	1,2,3-Trichlorobenzene	20.000	18.490	7.6	75	0.00

(#) = Out of Range

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