

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092019\
 Data File : VN058241.D
 Acq On : 20 Sep 2019 11:42
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 23 04:08:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 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	110	0.00
2 M	Dichlorodifluoromethane	20.000	20.547	-2.7	115	0.00
3 M	Chloromethane	20.000	17.636	11.8	98	0.00
4 M	Vinyl Chloride	20.000	17.289	13.6	94	0.00
5 M	Bromomethane	20.000	13.650	31.8#	72	0.00
6 M	Chloroethane	20.000	17.818	10.9	96	0.00
7 M	Trichlorofluoromethane	20.000	18.715	6.4	91	0.00
8 T	Diethyl Ether	20.000	21.073	-5.4	117	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.518	-2.6	113	0.00
10 M	1,1-Dichloroethene	20.000	19.597	2.0	110	0.00
11	Methyl Iodide	20.000	15.211	23.9	86	0.00
12	Methyl Acetate	20.000	21.530	-7.7	118	0.00
13 M	Acrolein	100.000	84.934	15.1	104	0.00
14 M	Acrylonitrile	100.000	100.846	-0.8	112	0.00
15 M	Acetone	100.000	87.270	12.7	90	0.00
16 M	Carbon Disulfide	20.000	17.713	11.4	104	0.00
17	Allyl chloride	20.000	20.505	-2.5	118	0.00
18 M	Methylene Chloride	20.000	19.509	2.5	110	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.691	1.5	111	0.00
20 T	Diisopropyl ether	20.000	19.968	0.2	113	0.00
21 M	1,1-Dichloroethane	20.000	20.548	-2.7	113	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.754	1.2	111	0.00
23 M	tert-Butyl Alcohol	100.000	95.547	4.5	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.968	0.2	111	0.00
25 M	Chloroform	20.000	20.289	-1.4	114	0.00
26	Cyclohexane	20.000	19.991	0.0	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.079	-3.6	108	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	19.130	4.4	107	0.00
30 M	2-Butanone	100.000	96.009	4.0	105	0.00
31	2,2-Dichloropropane	20.000	19.987	0.1	116	0.00
32 M	1,1,1-Trichloroethane	20.000	19.782	1.1	111	0.00
33 M	Carbon Tetrachloride	20.000	19.578	2.1	114	0.00
34 M	Benzene	20.000	19.862	0.7	111	0.00
35	Methacrylonitrile	20.000	16.575	17.1	100	0.00
36 M	1,2-Dichloroethane	20.000	19.962	0.2	111	0.00
37 M	Trichloroethene	20.000	19.887	0.6	112	0.00
38	Methylcyclohexane	20.000	19.597	2.0	112	0.00
39 M	1,2-Dichloropropane	20.000	19.623	1.9	110	0.00
40	Dibromomethane	20.000	20.101	-0.5	112	0.00
41 M	Bromodichloromethane	20.000	19.711	1.4	115	0.00
42 M	Vinyl Acetate	100.000	106.199	-6.2	112	0.00
43	Ethyl Acetate	20.000	19.630	1.9	107	0.00
44	Isopropyl Acetate	20.000	21.111	-5.6	122	0.00
45 T	1,4-Dioxane	400.000	333.703	16.6	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.394	3.0	113	0.00
47	n-amyl Acetate	20.000	18.875	5.6	113	0.00
48 M	t-1,3-Dichloropropene	20.000	18.815	5.9	114	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.098	4.5	113	0.00
50 M	1,1,2-Trichloroethane	20.000	19.902	0.5	111	0.00
51	Ethyl methacrylate	20.000	19.132	4.3	112	0.00
52	1,3-Dichloropropane	20.000	19.874	0.6	112	0.00
53 M	Dibromochloromethane	20.000	18.491	7.5	115	0.00
54 M	1,2-Dibromoethane	20.000	19.511	2.4	112	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.347	-2.3	110	0.00
56 M	Bromoform	20.000	17.815	10.9	115	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.126	-8.1	113	0.00
59 M	2-Hexanone	100.000	101.093	-1.1	109	0.00
60 S	4-Bromofluorobenzene	30.000	29.576	1.4	109	0.00
61 M	Tetrachloroethene	20.000	20.505	-2.5	116	0.00
62 M	Toluene	20.000	20.072	-0.4	110	0.00
63 S	Toluene-d8	30.000	29.722	0.9	105	0.00
64 M	Chlorobenzene	20.000	19.787	1.1	111	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.528	2.4	115	0.00
66 M	Ethyl Benzene	20.000	20.567	-2.8	112	0.00
67 M	m/p-Xylenes	40.000	39.574	1.1	113	0.00
68 M	o-Xylene	20.000	19.623	1.9	114	0.00
69 M	Styrene	20.000	19.575	2.1	114	0.00
70	Isopropylbenzene	20.000	20.488	-2.4	112	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.731	1.3	112	0.00
72	1,2,3-Trichloropropane	20.000	20.819	-4.1	120	0.00
73	Bromobenzene	20.000	19.539	2.3	116	0.00
74	n-propylbenzene	20.000	20.849	-4.2	112	0.00
75	2-Chlorotoluene	20.000	20.004	-0.0	115	0.00
76	1,3,5-Trimethylbenzene	20.000	20.169	-0.8	113	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.514	12.4	122	0.00
78	4-Chlorotoluene	20.000	19.517	2.4	115	0.00
79	tert-butylbenzene	20.000	19.991	0.0	113	0.00
80	1,2,4-Trimethylbenzene	20.000	20.433	-2.2	114	0.00
81	sec-Butylbenzene	20.000	20.435	-2.2	114	0.00
82	p-Isopropyltoluene	20.000	19.977	0.1	111	0.00
83 M	1,3-Dichlorobenzene	20.000	19.359	3.2	114	0.00
84 M	1,4-Dichlorobenzene	20.000	19.590	2.1	118	0.00
85	n-Butylbenzene	20.000	19.549	2.3	111	0.00
86 T	Hexachloroethane	20.000	18.019	9.9	117	0.00
87 M	1,2-Dichlorobenzene	20.000	19.957	0.2	118	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.389	3.1	119	0.00
89	1,2,4-Trichlorobenzene	20.000	20.228	-1.1	124	0.00
90	Hexachlorobutadiene	20.000	21.722	-8.6	125	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	20.283	-1.4	119	0.00
92	1,2,3-Trichlorobenzene	20.000	20.857	-4.3	125	0.00

(#) = Out of Range

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