

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN061219\
 Data File : VN056243.D
 Acq On : 12 Jun 2019 12:25
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 13 05:04:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 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	86	0.00
2 M	Dichlorodifluoromethane	20.000	19.696	1.5	80	0.00
3 M	Chloromethane	20.000	19.353	3.2	83	0.00
4 M	Vinyl Chloride	20.000	17.911	10.4	75	0.00
5 M	Bromomethane	20.000	20.204	-1.0	82	0.00
6 M	Chloroethane	20.000	18.624	6.9	76	0.00
7 M	Trichlorofluoromethane	20.000	18.591	7.0	78	0.00
8 T	Diethyl Ether	20.000	18.470	7.7	79	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.121	4.4	81	0.00
10 M	1,1-Dichloroethene	20.000	17.895	10.5	77	0.00
11	Methyl Iodide	20.000	17.631	11.8	78	0.00
12	Methyl Acetate	20.000	19.152	4.2	83	0.00
13 M	Acrolein	100.000	102.900	-2.9	92	0.00
14 M	Acrylonitrile	100.000	99.264	0.7	86	0.00
15 M	Acetone	100.000	89.614	10.4	72	0.00
16 M	Carbon Disulfide	20.000	18.117	9.4	83	0.00
17	Allyl chloride	20.000	18.203	9.0	80	0.00
18 M	Methylene Chloride	20.000	19.836	0.8	86	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.380	8.1	78	0.00
20 T	Diisopropyl ether	20.000	19.380	3.1	83	0.00
21 M	1,1-Dichloroethane	20.000	19.079	4.6	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.026	4.9	81	0.00
23 M	tert-Butyl Alcohol	100.000	76.393	23.6	68	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.084	4.6	82	0.00
25 M	Chloroform	20.000	19.734	1.3	84	0.00
26	Cyclohexane	20.000	17.621	11.9	76	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.238	-0.8	86	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	76	0.00
29	1,1-Dichloropropene	20.000	20.407	-2.0	78	0.00
30 M	2-Butanone	100.000	106.053	-6.1	80	0.00
31	2,2-Dichloropropane	20.000	18.560	7.2	71	0.00
32 M	1,1,1-Trichloroethane	20.000	20.930	-4.6	80	0.00
33 M	Carbon Tetrachloride	20.000	21.242	-6.2	83	0.00
34 M	Benzene	20.000	20.848	-4.2	79	0.00
35	Methacrylonitrile	20.000	22.273	-11.4	76	0.00
36 M	1,2-Dichloroethane	20.000	22.918	-14.6	88	0.00
37 M	Trichloroethene	20.000	21.143	-5.7	80	0.00
38	Methylcyclohexane	20.000	19.800	1.0	78	0.00
39 M	1,2-Dichloropropane	20.000	21.750	-8.8	82	0.00
40	Dibromomethane	20.000	22.565	-12.8	86	0.00
41 M	Bromodichloromethane	20.000	22.836	-14.2	90	0.00
42 M	Vinyl Acetate	100.000	108.695	-8.7	83	0.00
43	Ethyl Acetate	20.000	20.881	-4.4	79	0.00
44	Isopropyl Acetate	20.000	20.681	-3.4	82	0.00
45 T	1,4-Dioxane	400.000	422.750	-5.7	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.203	-1.0	83	0.00
47	n-amyl Acetate	20.000	19.661	1.7	79	0.00
48 M	t-1,3-Dichloropropene	20.000	19.962	0.2	82	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.526	-2.6	81	0.00
50 M	1,1,2-Trichloroethane	20.000	22.214	-11.1	85	0.00
51	Ethyl methacrylate	20.000	20.257	-1.3	81	0.00
52	1,3-Dichloropropane	20.000	22.190	-11.0	84	0.00
53 M	Dibromochloromethane	20.000	23.171	-15.9	96	0.00
54 M	1,2-Dibromoethane	20.000	21.842	-9.2	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.875	7.1	76	0.00
56 M	Bromoform	20.000	23.003	-15.0	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.095	-6.1	85	0.00
59 M	2-Hexanone	100.000	103.568	-3.6	83	0.00
60 S	4-Bromofluorobenzene	30.000	28.793	4.0	79	0.00
61 M	Tetrachloroethene	20.000	21.081	-5.4	83	0.00
62 M	Toluene	20.000	19.927	0.4	80	0.00
63 S	Toluene-d8	30.000	30.044	-0.1	79	0.00
64 M	Chlorobenzene	20.000	20.420	-2.1	83	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.288	-6.4	87	0.00
66 M	Ethyl Benzene	20.000	19.437	2.8	78	0.00
67 M	m/p-Xylenes	40.000	39.428	1.4	79	0.00
68 M	o-Xylene	20.000	20.088	-0.4	80	0.00
69 M	Styrene	20.000	19.430	2.9	80	0.00
70	Isopropylbenzene	20.000	19.958	0.2	80	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.688	-8.4	86	0.00
72	1,2,3-Trichloropropane	20.000	21.051	-5.3	85	0.00
73	Bromobenzene	20.000	20.634	-3.2	85	0.00
74	n-propylbenzene	20.000	19.298	3.5	80	0.00
75	2-Chlorotoluene	20.000	20.019	-0.1	82	0.00
76	1,3,5-Trimethylbenzene	20.000	19.843	0.8	80	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.133	19.3	76	0.00
78	4-Chlorotoluene	20.000	19.369	3.2	82	0.00
79	tert-butylbenzene	20.000	19.885	0.6	81	0.00
80	1,2,4-Trimethylbenzene	20.000	19.521	2.4	80	0.00
81	sec-Butylbenzene	20.000	19.786	1.1	81	0.00
82	p-Isopropyltoluene	20.000	19.440	2.8	81	0.00
83 M	1,3-Dichlorobenzene	20.000	18.919	5.4	81	0.00
84 M	1,4-Dichlorobenzene	20.000	18.396	8.0	82	0.00
85	n-Butylbenzene	20.000	16.835	15.8	76	0.00
86 T	Hexachloroethane	20.000	20.809	-4.0	90	0.00
87 M	1,2-Dichlorobenzene	20.000	19.540	2.3	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.942	5.3	86	0.00
89	1,2,4-Trichlorobenzene	20.000	18.322	8.4	72	0.00
90	Hexachlorobutadiene	20.000	22.159	-10.8	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	13.122	34.4#	67	0.00
92	1,2,3-Trichlorobenzene	20.000	16.062	19.7	77	0.00

(#) = Out of Range

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