

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN061219\
 Data File : VN056235.D
 Acq On : 12 Jun 2019 8:56
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 13 04:44:04 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	21.900	-9.5	92	0.00
3 M	Chloromethane	20.000	20.365	-1.8	90	0.00
4 M	Vinyl Chloride	20.000	19.877	0.6	86	0.00
5 M	Bromomethane	20.000	20.909	-4.5	88	0.00
6 M	Chloroethane	20.000	19.689	1.6	83	0.00
7 M	Trichlorofluoromethane	20.000	21.144	-5.7	92	0.00
8 T	Diethyl Ether	20.000	18.556	7.2	81	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.887	-9.4	96	0.00
10 M	1,1-Dichloroethene	20.000	20.011	-0.1	88	0.00
11	Methyl Iodide	20.000	18.735	6.3	85	0.00
12	Methyl Acetate	20.000	18.360	8.2	82	0.00
13 M	Acrolein	100.000	89.133	10.9	83	0.00
14 M	Acrylonitrile	100.000	93.143	6.9	83	0.00
15 M	Acetone	100.000	123.857	-23.9	102	0.00
16 M	Carbon Disulfide	20.000	21.296	-6.5	101	0.00
17	Allyl chloride	20.000	19.734	1.3	90	0.00
18 M	Methylene Chloride	20.000	19.722	1.4	88	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.934	0.3	87	0.00
20 T	Diisopropyl ether	20.000	19.444	2.8	85	0.00
21 M	1,1-Dichloroethane	20.000	20.014	-0.1	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.629	1.9	86	0.00
23 M	tert-Butyl Alcohol	100.000	77.869	22.1	71	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.662	6.7	83	0.00
25 M	Chloroform	20.000	20.774	-3.9	92	0.00
26	Cyclohexane	20.000	19.785	1.1	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.355	2.1	86	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	81	0.00
29	1,1-Dichloropropene	20.000	22.133	-10.7	91	0.00
30 M	2-Butanone	100.000	109.367	-9.4	88	0.00
31	2,2-Dichloropropane	20.000	21.737	-8.7	89	0.00
32 M	1,1,1-Trichloroethane	20.000	22.261	-11.3	91	0.00
33 M	Carbon Tetrachloride	20.000	23.154	-15.8	97	0.00
34 M	Benzene	20.000	21.391	-7.0	87	0.00
35	Methacrylonitrile	20.000	20.471	-2.4	75	0.00
36 M	1,2-Dichloroethane	20.000	21.934	-9.7	90	0.00
37 M	Trichloroethene	20.000	21.595	-8.0	87	0.00
38	Methylcyclohexane	20.000	21.556	-7.8	91	0.00
39 M	1,2-Dichloropropane	20.000	21.719	-8.6	88	0.00
40	Dibromomethane	20.000	22.240	-11.2	91	0.00
41 M	Bromodichloromethane	20.000	23.034	-15.2	97	0.00
42 M	Vinyl Acetate	100.000	102.645	-2.6	84	0.00
43	Ethyl Acetate	20.000	20.063	-0.3	82	0.00
44	Isopropyl Acetate	20.000	19.129	4.4	81	0.00
45 T	1,4-Dioxane	400.000	374.682	6.3	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.633	1.8	86	0.00
47	n-amyl Acetate	20.000	18.554	7.2	80	0.00
48 M	t-1,3-Dichloropropene	20.000	20.061	-0.3	88	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.821	-4.1	88	0.00
50 M	1,1,2-Trichloroethane	20.000	21.528	-7.6	88	0.00
51	Ethyl methacrylate	20.000	19.179	4.1	82	0.00
52	1,3-Dichloropropane	20.000	21.250	-6.3	87	0.00
53 M	Dibromochloromethane	20.000	23.428	-17.1	104	0.00
54 M	1,2-Dibromoethane	20.000	20.620	-3.1	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.473	13.5	76	0.00
56 M	Bromoform	20.000	22.996	-15.0	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.337	1.7	84	0.00
59 M	2-Hexanone	100.000	101.445	-1.4	86	0.00
60 S	4-Bromofluorobenzene	30.000	29.056	3.1	85	0.00
61 M	Tetrachloroethene	20.000	22.117	-10.6	92	0.00
62 M	Toluene	20.000	20.474	-2.4	87	0.00
63 S	Toluene-d8	30.000	30.321	-1.1	84	0.00
64 M	Chlorobenzene	20.000	20.653	-3.3	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.728	-8.6	94	0.00
66 M	Ethyl Benzene	20.000	20.544	-2.7	87	0.00
67 M	m/p-Xylenes	40.000	41.682	-4.2	89	0.00
68 M	o-Xylene	20.000	20.461	-2.3	87	0.00
69 M	Styrene	20.000	20.275	-1.4	89	0.00
70	Isopropylbenzene	20.000	21.026	-5.1	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.487	-2.4	86	0.00
72	1,2,3-Trichloropropane	20.000	20.890	-4.5	89	0.00
73	Bromobenzene	20.000	20.990	-4.9	91	0.00
74	n-propylbenzene	20.000	20.766	-3.8	91	0.00
75	2-Chlorotoluene	20.000	20.823	-4.1	90	0.00
76	1,3,5-Trimethylbenzene	20.000	21.097	-5.5	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.921	10.4	89	0.00
78	4-Chlorotoluene	20.000	20.192	-1.0	91	0.00
79	tert-butylbenzene	20.000	21.018	-5.1	90	0.00
80	1,2,4-Trimethylbenzene	20.000	20.872	-4.4	90	0.00
81	sec-Butylbenzene	20.000	21.268	-6.3	92	0.00
82	p-Isopropyltoluene	20.000	20.760	-3.8	91	0.00
83 M	1,3-Dichlorobenzene	20.000	20.595	-3.0	93	0.00
84 M	1,4-Dichlorobenzene	20.000	19.730	1.3	93	0.00
85	n-Butylbenzene	20.000	18.631	6.8	89	0.00
86 T	Hexachloroethane	20.000	22.674	-13.4	104	0.00
87 M	1,2-Dichlorobenzene	20.000	20.435	-2.2	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.330	8.4	88	0.00
89	1,2,4-Trichlorobenzene	20.000	19.289	3.6	84	0.00
90	Hexachlorobutadiene	20.000	24.170	-20.9	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	13.685	31.6#	74	0.00
92	1,2,3-Trichlorobenzene	20.000	16.803	16.0	85	0.00

(#) = Out of Range

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