

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111618\
 Data File : VN052352.D
 Acq On : 16 Nov 2018 8:52
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 16 23:01:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 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	24.044	-20.2	90	0.00
3 M	Chloromethane	20.000	22.907	-14.5	85	0.00
4 M	Vinyl Chloride	20.000	20.365	-1.8	74	0.00
5 M	Bromomethane	20.000	17.849	10.8	68	0.00
6 M	Chloroethane	20.000	17.753	11.2	67	0.00
7 M	Trichlorofluoromethane	20.000	21.319	-6.6	81	0.00
8 T	Diethyl Ether	20.000	22.056	-10.3	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.973	-14.9	89	0.00
10 M	1,1-Dichloroethene	20.000	20.296	-1.5	79	0.00
11	Methyl Iodide	20.000	20.333	-1.7	83	0.00
12	Methyl Acetate	20.000	26.964	-34.8#	102	0.00
13 M	Acrolein	100.000	118.718	-18.7	93	0.00
14 M	Acrylonitrile	100.000	109.078	-9.1	81	0.00
15 M	Acetone	100.000	139.418	-39.4#	102	0.00
16 M	Carbon Disulfide	20.000	17.673	11.6	70	0.00
17	Allyl chloride	20.000	23.963	-19.8	93	0.00
18 M	Methylene Chloride	20.000	20.847	-4.2	80	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.143	-0.7	77	0.00
20 T	Diisopropyl ether	20.000	25.227	-26.1	95	0.00
21 M	1,1-Dichloroethane	20.000	22.497	-12.5	84	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.752	-3.8	79	0.00
23 M	tert-Butyl Alcohol	100.000	96.167	3.8	62	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.962	-9.8	82	0.00
25 M	Chloroform	20.000	23.718	-18.6	89	0.00
26	Cyclohexane	20.000	21.559	-7.8	84	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.543	-11.8	81	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29	1,1-Dichloropropene	20.000	20.400	-2.0	79	0.00
30 M	2-Butanone	100.000	126.923	-26.9	94	0.00
31	2,2-Dichloropropane	20.000	21.234	-6.2	84	0.00
32 M	1,1,1-Trichloroethane	20.000	21.262	-6.3	85	0.00
33 M	Carbon Tetrachloride	20.000	20.229	-1.1	82	0.00
34 M	Benzene	20.000	20.484	-2.4	80	0.00
35	Methacrylonitrile	20.000	21.388	-6.9	77	-0.03
36 M	1,2-Dichloroethane	20.000	22.666	-13.3	89	0.00
37 M	Trichloroethene	20.000	20.588	-2.9	85	0.00
38	Methylcyclohexane	20.000	19.004	5.0	76	0.00
39 M	1,2-Dichloropropane	20.000	21.704	-8.5	82	0.00
40	Dibromomethane	20.000	19.980	0.1	78	0.00
41 M	Bromodichloromethane	20.000	21.481	-7.4	85	0.00
42 M	Vinyl Acetate	100.000	116.686	-16.7	90	0.00
43	Ethyl Acetate	20.000	25.256	-26.3	94	0.00
44	Isopropyl Acetate	20.000	23.813	-19.1	93	0.00
45 T	1,4-Dioxane	400.000	321.264	19.7	56	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	24.016	-20.1	90	0.00
47	n-amyl Acetate	20.000	21.929	-9.6	88	0.00
48 M	t-1,3-Dichloropropene	20.000	20.951	-4.8	84	0.00
49 T	cis-1,3-Dichloropropene	20.000	21.589	-7.9	84	0.00
50 M	1,1,2-Trichloroethane	20.000	20.542	-2.7	81	0.00
51	Ethyl methacrylate	20.000	20.344	-1.7	80	0.00
52	1,3-Dichloropropane	20.000	20.700	-3.5	81	0.00
53 M	Dibromochloromethane	20.000	21.017	-5.1	85	0.00
54 M	1,2-Dibromoethane	20.000	19.037	4.8	77	0.00
55 M	2-Chloroethyl vinyl ether	100.000	105.432	-5.4	80	0.00
56 M	Bromoform	20.000	19.872	0.6	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	100.000	115.743	-15.7	85	0.00
59 M	2-Hexanone	100.000	122.007	-22.0	90	0.00
60 S	4-Bromofluorobenzene	30.000	29.941	0.2	76	0.00
61 M	Tetrachloroethene	20.000	22.182	-10.9	89	0.00
62 M	Toluene	20.000	20.806	-4.0	79	0.00
63 S	Toluene-d8	30.000	30.056	-0.2	76	0.00
64 M	Chlorobenzene	20.000	20.260	-1.3	80	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.700	-3.5	81	0.00
66 M	Ethyl Benzene	20.000	21.024	-5.1	83	0.00
67 M	m/p-Xylenes	40.000	40.570	-1.4	80	0.00
68 M	o-Xylene	20.000	20.492	-2.5	80	0.00
69 M	Styrene	20.000	20.610	-3.0	79	0.00
70	Isopropylbenzene	20.000	21.192	-6.0	84	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.029	-5.1	81	0.00
72	1,2,3-Trichloropropane	20.000	21.938	-9.7	82	0.00
73	Bromobenzene	20.000	21.031	-5.2	86	0.00
74	n-propylbenzene	20.000	21.515	-7.6	85	0.00
75	2-Chlorotoluene	20.000	21.386	-6.9	83	0.00
76	1,3,5-Trimethylbenzene	20.000	21.785	-8.9	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.380	3.1	85	0.00
78	4-Chlorotoluene	20.000	21.388	-6.9	84	0.00
79	tert-butylbenzene	20.000	21.559	-7.8	83	0.00
80	1,2,4-Trimethylbenzene	20.000	21.727	-8.6	84	0.00
81	sec-Butylbenzene	20.000	21.765	-8.8	86	0.00
82	p-Isopropyltoluene	20.000	21.481	-7.4	86	0.00
83 M	1,3-Dichlorobenzene	20.000	21.971	-9.9	89	0.00
84 M	1,4-Dichlorobenzene	20.000	21.021	-5.1	87	0.00
85	n-Butylbenzene	20.000	21.464	-7.3	87	0.00
86 T	Hexachloroethane	20.000	22.292	-11.5	91	0.00
87 M	1,2-Dichlorobenzene	20.000	22.275	-11.4	90	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.154	-5.8	78	0.00
89	1,2,4-Trichlorobenzene	20.000	21.567	-7.8	89	0.00
90	Hexachlorobutadiene	20.000	25.949	-29.7	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.459	7.7	75	0.00
92	1,2,3-Trichlorobenzene	20.000	21.501	-7.5	90	0.00

(#) = Out of Range

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