

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052887.D
 Acq On : 14 Dec 2018 14:23
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 15 03:16:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	18.850	5.7	85	0.00
3 M	Chloromethane	20.000	17.666	11.7	82	0.00
4 M	Vinyl Chloride	20.000	18.512	7.4	86	0.00
5 M	Bromomethane	20.000	19.431	2.8	92	0.00
6 M	Chloroethane	20.000	18.907	5.5	87	0.00
7 M	Trichlorofluoromethane	20.000	20.499	-2.5	96	0.00
8 T	Diethyl Ether	20.000	20.261	-1.3	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.149	-5.7	96	0.00
10 M	1,1-Dichloroethene	20.000	20.370	-1.9	96	0.00
11	Methyl Iodide	20.000	17.178	14.1	83	0.00
12	Methyl Acetate	20.000	20.951	-4.8	97	0.00
13 M	Acrolein	100.000	27.356	72.6#	28	0.00
14 M	Acrylonitrile	100.000	97.886	2.1	89	0.00
15 M	Acetone	100.000	96.939	3.1	83	0.00
16 M	Carbon Disulfide	20.000	17.578	12.1	83	0.00
17	Allyl chloride	20.000	18.979	5.1	88	0.00
18 M	Methylene Chloride	20.000	19.969	0.2	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.022	-0.1	95	0.00
20 T	Diisopropyl ether	20.000	19.447	2.8	90	0.00
21 M	1,1-Dichloroethane	20.000	19.749	1.3	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.449	-2.2	95	0.00
23 M	tert-Butyl Alcohol	100.000	115.151	-15.2	105	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.062	-5.3	98	0.00
25 M	Chloroform	20.000	20.434	-2.2	95	0.00
26	Cyclohexane	20.000	19.067	4.7	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.432	1.9	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	19.097	4.5	92	0.00
30 M	2-Butanone	100.000	93.947	6.1	88	0.00
31	2,2-Dichloropropane	20.000	20.610	-3.0	101	0.00
32 M	1,1,1-Trichloroethane	20.000	19.890	0.5	97	0.00
33 M	Carbon Tetrachloride	20.000	19.358	3.2	94	0.00
34 M	Benzene	20.000	19.201	4.0	92	0.00
35	Methacrylonitrile	20.000	17.349	13.3	82	0.00
36 M	1,2-Dichloroethane	20.000	19.110	4.5	92	0.00
37 M	Trichloroethene	20.000	21.809	-9.0	106	0.00
38	Methylcyclohexane	20.000	18.916	5.4	90	0.00
39 M	1,2-Dichloropropane	20.000	19.195	4.0	93	0.00
40	Dibromomethane	20.000	20.180	-0.9	97	0.00
41 M	Bromodichloromethane	20.000	19.266	3.7	94	0.00
42 M	Vinyl Acetate	100.000	89.314	10.7	87	0.00
43	Ethyl Acetate	20.000	17.725	11.4	82	0.00
44	Isopropyl Acetate	20.000	21.065	-5.3	103	0.00
45 T	1,4-Dioxane	400.000	421.422	-5.4	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.653	1.7	96	0.00
47	n-amyl Acetate	20.000	22.309	-11.5	114	0.00
48 M	t-1,3-Dichloropropene	20.000	19.365	3.2	98	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.359	3.2	95	0.00
50 M	1,1,2-Trichloroethane	20.000	20.130	-0.6	95	0.00
51	Ethyl methacrylate	20.000	20.429	-2.1	102	0.00
52	1,3-Dichloropropane	20.000	19.697	1.5	94	0.00
53 M	Dibromochloromethane	20.000	19.648	1.8	95	0.00
54 M	1,2-Dibromoethane	20.000	19.971	0.1	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.458	-1.5	96	0.00
56 M	Bromoform	20.000	18.932	5.3	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.617	0.4	93	0.00
59 M	2-Hexanone	100.000	98.288	1.7	91	0.00
60 S	4-Bromofluorobenzene	30.000	30.694	-2.3	99	0.00
61 M	Tetrachloroethene	20.000	28.339	-41.7#	132	0.00
62 M	Toluene	20.000	19.749	1.3	94	0.00
63 S	Toluene-d8	30.000	28.975	3.4	92	0.00
64 M	Chlorobenzene	20.000	20.361	-1.8	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.424	-2.1	99	0.00
66 M	Ethyl Benzene	20.000	19.814	0.9	95	0.00
67 M	m/p-Xylenes	40.000	40.801	-2.0	97	0.00
68 M	o-Xylene	20.000	20.432	-2.2	98	0.00
69 M	Styrene	20.000	20.510	-2.6	98	0.00
70	Isopropylbenzene	20.000	20.527	-2.6	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.971	15.1	79	0.00
72	1,2,3-Trichloropropane	20.000	19.870	0.6	100	0.00
73	Bromobenzene	20.000	21.208	-6.0	103	0.00
74	n-propylbenzene	20.000	20.195	-1.0	96	0.00
75	2-Chlorotoluene	20.000	20.300	-1.5	96	0.00
76	1,3,5-Trimethylbenzene	20.000	20.548	-2.7	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.898	5.5	96	0.00
78	4-Chlorotoluene	20.000	20.749	-3.7	99	0.00
79	tert-butylbenzene	20.000	20.798	-4.0	98	0.00
80	1,2,4-Trimethylbenzene	20.000	20.918	-4.6	98	0.00
81	sec-Butylbenzene	20.000	20.399	-2.0	96	0.00
82	p-Isopropyltoluene	20.000	20.705	-3.5	99	0.00
83 M	1,3-Dichlorobenzene	20.000	21.454	-7.3	103	0.00
84 M	1,4-Dichlorobenzene	20.000	22.026	-10.1	106	0.00
85	n-Butylbenzene	20.000	20.175	-0.9	97	0.00
86 T	Hexachloroethane	20.000	16.568	17.2	81	0.00
87 M	1,2-Dichlorobenzene	20.000	21.783	-8.9	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.788	1.1	97	0.00
89	1,2,4-Trichlorobenzene	20.000	24.094	-20.5	120	0.00
90	Hexachlorobutadiene	20.000	21.717	-8.6	97	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	24.529	-22.6	122	0.00
92	1,2,3-Trichlorobenzene	20.000	23.059	-15.3	113	0.00

(#) = Out of Range

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