

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102518\
 Data File : VN052012.D
 Acq On : 25 Oct 2018 15:21
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 26 02:17:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 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	128	0.00
2 M	Dichlorodifluoromethane	20.000	21.465	-7.3	139	0.00
3 M	Chloromethane	20.000	18.207	9.0	113	0.00
4 M	Vinyl Chloride	20.000	15.182	24.1	92	0.00
5 M	Bromomethane	20.000	16.606	17.0	106	0.00
6 M	Chloroethane	20.000	15.902	20.5	96	0.00
7 M	Trichlorofluoromethane	20.000	20.521	-2.6	140	0.01
8 T	Diethyl Ether	20.000	20.838	-4.2	129	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.180	-10.9	137	0.00
10 M	1,1-Dichloroethene	20.000	21.502	-7.5	132	0.00
11	Methyl Iodide	20.000	24.047	-20.2	158	0.00
12	Methyl Acetate	20.000	20.051	-0.3	122	0.00
13 M	Acrolein	100.000	50.760	49.2#	66	0.00
14 M	Acrylonitrile	100.000	98.309	1.7	124	0.00
15 M	Acetone	100.000	99.985	0.0	120	0.00
16 M	Carbon Disulfide	20.000	17.116	14.4	110	0.00
17	Allyl chloride	20.000	16.548	17.3	100	0.00
18 M	Methylene Chloride	20.000	21.048	-5.2	130	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.304	-6.5	132	0.00
20 T	Diisopropyl ether	20.000	19.326	3.4	119	0.00
21 M	1,1-Dichloroethane	20.000	20.346	-1.7	125	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.311	-6.6	135	0.00
23 M	tert-Butyl Alcohol	100.000	57.198	42.8#	73	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.093	4.5	120	0.00
25 M	Chloroform	20.000	20.849	-4.2	129	0.00
26	Cyclohexane	20.000	18.648	6.8	115	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.377	5.4	115	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	128	0.00
29	1,1-Dichloropropene	20.000	19.561	2.2	125	0.00
30 M	2-Butanone	100.000	90.493	9.5	114	0.00
31	2,2-Dichloropropane	20.000	17.773	11.1	112	0.00
32 M	1,1,1-Trichloroethane	20.000	19.842	0.8	128	0.00
33 M	Carbon Tetrachloride	20.000	19.284	3.6	124	0.00
34 M	Benzene	20.000	20.444	-2.2	129	0.00
35	Methacrylonitrile	20.000	13.547	32.3#	90	-0.02
36 M	1,2-Dichloroethane	20.000	20.223	-1.1	129	0.00
37 M	Trichloroethene	20.000	20.796	-4.0	133	0.00
38	Methylcyclohexane	20.000	18.644	6.8	119	0.00
39 M	1,2-Dichloropropane	20.000	19.872	0.6	124	0.00
40	Dibromomethane	20.000	20.733	-3.7	135	0.00
41 M	Bromodichloromethane	20.000	18.905	5.5	121	0.00
42 M	Vinyl Acetate	100.000	89.095	10.9	113	0.00
43	Ethyl Acetate	20.000	18.246	8.8	112	0.00
44	Isopropyl Acetate	20.000	18.088	9.6	113	0.00
45 T	1,4-Dioxane	400.000	253.843	36.5#	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.519	7.4	117	0.00
47	n-amyl Acetate	20.000	19.004	5.0	131	0.00
48 M	t-1,3-Dichloropropene	20.000	17.656	11.7	118	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.687	6.6	121	0.00
50 M	1,1,2-Trichloroethane	20.000	20.738	-3.7	132	0.00
51	Ethyl methacrylate	20.000	18.686	6.6	121	0.00
52	1,3-Dichloropropane	20.000	20.139	-0.7	128	0.00
53 M	Dibromochloromethane	20.000	18.912	5.4	129	0.00
54 M	1,2-Dibromoethane	20.000	20.428	-2.1	136	0.00
55 M	2-Chloroethyl vinyl ether	100.000	113.913	-13.9	147	0.00
56 M	Bromoform	20.000	16.962	15.2	125	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	127	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.611	8.4	115	0.00
59 M	2-Hexanone	100.000	91.314	8.7	118	0.00
60 S	4-Bromofluorobenzene	30.000	28.827	3.9	126	0.00
61 M	Tetrachloroethene	20.000	20.942	-4.7	131	0.00
62 M	Toluene	20.000	20.919	-4.6	133	0.00
63 S	Toluene-d8	30.000	29.373	2.1	122	0.00
64 M	Chlorobenzene	20.000	21.823	-9.1	142	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.731	-3.7	133	0.00
66 M	Ethyl Benzene	20.000	20.335	-1.7	129	0.00
67 M	m/p-Xylenes	40.000	40.944	-2.4	132	0.00
68 M	o-Xylene	20.000	20.227	-1.1	131	0.00
69 M	Styrene	20.000	20.887	-4.4	141	0.00
70	Isopropylbenzene	20.000	20.297	-1.5	132	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.667	6.7	120	0.00
72	1,2,3-Trichloropropane	20.000	20.344	-1.7	136	0.00
73	Bromobenzene	20.000	22.412	-12.1	152	0.00
74	n-propylbenzene	20.000	19.878	0.6	131	0.00
75	2-Chlorotoluene	20.000	20.000	0.0	130	0.00
76	1,3,5-Trimethylbenzene	20.000	19.707	1.5	129	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.937	25.3	108	0.00
78	4-Chlorotoluene	20.000	20.333	-1.7	135	0.00
79	tert-butylbenzene	20.000	19.682	1.6	128	0.00
80	1,2,4-Trimethylbenzene	20.000	19.925	0.4	131	0.00
81	sec-Butylbenzene	20.000	19.710	1.4	129	0.00
82	p-Isopropyltoluene	20.000	19.672	1.6	133	0.00
83 M	1,3-Dichlorobenzene	20.000	21.872	-9.4	152	0.00
84 M	1,4-Dichlorobenzene	20.000	22.144	-10.7	157	0.00
85	n-Butylbenzene	20.000	19.062	4.7	130	0.00
86 T	Hexachloroethane	20.000	15.976	20.1	111	0.00
87 M	1,2-Dichlorobenzene	20.000	20.987	-4.9	144	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	13.078	34.6#	88	0.00
89	1,2,4-Trichlorobenzene	20.000	19.174	4.1	130	0.00
90	Hexachlorobutadiene	20.000	15.954	20.2	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.275	8.6	120	0.00
92	1,2,3-Trichlorobenzene	20.000	13.174	34.1#	100	0.00

(#) = Out of Range

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