

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110818\
 Data File : VN052215.D
 Acq On : 8 Nov 2018 10:55
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 08 11:18:02 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	107	0.00
2 M	Dichlorodifluoromethane	20.000	22.476	-12.4	117	0.00
3 M	Chloromethane	20.000	20.762	-3.8	107	0.00
4 M	Vinyl Chloride	20.000	20.629	-3.1	104	0.00
5 M	Bromomethane	20.000	20.110	-0.5	107	0.00
6 M	Chloroethane	20.000	18.994	5.0	99	0.00
7 M	Trichlorofluoromethane	20.000	21.324	-6.6	112	0.00
8 T	Diethyl Ether	20.000	21.205	-6.0	110	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.182	-10.9	119	0.00
10 M	1,1-Dichloroethene	20.000	20.914	-4.6	114	0.00
11	Methyl Iodide	20.000	20.890	-4.5	118	0.00
12	Methyl Acetate	20.000	21.927	-9.6	116	0.00
13 M	Acrolein	100.000	87.404	12.6	95	0.00
14 M	Acrylonitrile	100.000	107.800	-7.8	112	0.00
15 M	Acetone	100.000	120.299	-20.3	122	0.00
16 M	Carbon Disulfide	20.000	19.721	1.4	108	0.00
17	Allyl chloride	20.000	21.419	-7.1	115	0.00
18 M	Methylene Chloride	20.000	19.930	0.4	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.687	-3.4	110	0.00
20 T	Diisopropyl ether	20.000	21.469	-7.3	113	0.00
21 M	1,1-Dichloroethane	20.000	20.220	-1.1	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.055	-5.3	111	0.00
23 M	tert-Butyl Alcohol	100.000	120.091	-20.1	108	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.029	-5.1	109	0.00
25 M	Chloroform	20.000	20.712	-3.6	108	0.00
26	Cyclohexane	20.000	21.066	-5.3	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.632	1.2	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	20.406	-2.0	108	0.00
30 M	2-Butanone	100.000	112.896	-12.9	115	0.00
31	2,2-Dichloropropane	20.000	19.851	0.7	107	0.00
32 M	1,1,1-Trichloroethane	20.000	20.228	-1.1	111	0.00
33 M	Carbon Tetrachloride	20.000	20.222	-1.1	112	0.00
34 M	Benzene	20.000	20.484	-2.4	110	0.00
35	Methacrylonitrile	20.000	29.455	-47.3#	146	0.00
36 M	1,2-Dichloroethane	20.000	20.351	-1.8	110	0.00
37 M	Trichloroethene	20.000	20.896	-4.5	118	0.00
38	Methylcyclohexane	20.000	20.328	-1.6	111	0.00
39 M	1,2-Dichloropropane	20.000	20.852	-4.3	108	0.00
40	Dibromomethane	20.000	20.623	-3.1	110	0.00
41 M	Bromodichloromethane	20.000	19.689	1.6	107	0.00
42 M	Vinyl Acetate	100.000	104.216	-4.2	110	0.00
43	Ethyl Acetate	20.000	22.465	-12.3	115	0.00
44	Isopropyl Acetate	20.000	21.349	-6.7	114	0.00
45 T	1,4-Dioxane	400.000	483.270	-20.8	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	21.788	-8.9	112	0.00
47	n-amyl Acetate	20.000	20.776	-3.9	114	0.00
48 M	t-1,3-Dichloropropene	20.000	20.255	-1.3	111	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.194	-1.0	108	0.00
50 M	1,1,2-Trichloroethane	20.000	20.864	-4.3	113	0.00
51	Ethyl methacrylate	20.000	20.697	-3.5	112	0.00
52	1,3-Dichloropropane	20.000	20.544	-2.7	110	0.00
53 M	Dibromochloromethane	20.000	20.278	-1.4	113	0.00
54 M	1,2-Dibromoethane	20.000	20.264	-1.3	113	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.792	-2.8	107	0.00
56 M	Bromoform	20.000	20.794	-4.0	122	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	110.980	-11.0	116	0.00
59 M	2-Hexanone	100.000	112.050	-12.0	117	0.00
60 S	4-Bromofluorobenzene	30.000	28.395	5.4	102	0.00
61 M	Tetrachloroethene	20.000	22.527	-12.6	127	0.00
62 M	Toluene	20.000	20.333	-1.7	110	0.00
63 S	Toluene-d8	30.000	29.656	1.1	106	0.00
64 M	Chlorobenzene	20.000	20.243	-1.2	113	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.380	-6.9	119	0.00
66 M	Ethyl Benzene	20.000	20.425	-2.1	114	0.00
67 M	m/p-Xylenes	40.000	41.520	-3.8	116	0.00
68 M	o-Xylene	20.000	20.764	-3.8	115	0.00
69 M	Styrene	20.000	20.633	-3.2	112	0.00
70	Isopropylbenzene	20.000	20.544	-2.7	115	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.447	-7.2	117	0.00
72	1,2,3-Trichloropropane	20.000	18.717	6.4	99	0.00
73	Bromobenzene	20.000	21.522	-7.6	124	0.00
74	n-propylbenzene	20.000	20.281	-1.4	113	0.00
75	2-Chlorotoluene	20.000	20.086	-0.4	111	0.00
76	1,3,5-Trimethylbenzene	20.000	20.716	-3.6	115	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.828	5.9	116	0.00
78	4-Chlorotoluene	20.000	20.305	-1.5	113	0.00
79	tert-butylbenzene	20.000	20.608	-3.0	113	0.00
80	1,2,4-Trimethylbenzene	20.000	21.156	-5.8	116	0.00
81	sec-Butylbenzene	20.000	21.040	-5.2	117	0.00
82	p-Isopropyltoluene	20.000	21.217	-6.1	120	0.00
83 M	1,3-Dichlorobenzene	20.000	21.265	-6.3	122	0.00
84 M	1,4-Dichlorobenzene	20.000	21.191	-6.0	124	0.00
85	n-Butylbenzene	20.000	20.451	-2.3	117	0.00
86 T	Hexachloroethane	20.000	20.753	-3.8	119	0.00
87 M	1,2-Dichlorobenzene	20.000	21.934	-9.7	125	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.165	-10.8	116	0.00
89	1,2,4-Trichlorobenzene	20.000	22.522	-12.6	131	0.00
90	Hexachlorobutadiene	20.000	24.639	-23.2	141	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	23.730	-18.7	135	0.00
92	1,2,3-Trichlorobenzene	20.000	24.499	-22.5	145	0.00

(#) = Out of Range

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