

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120718\
 Data File : VN052738.D
 Acq On : 7 Dec 2018 20:17
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 07 22:36:30 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	17.074	14.6	75	0.00
3 M	Chloromethane	20.000	17.352	13.2	79	0.00
4 M	Vinyl Chloride	20.000	17.380	13.1	79	0.00
5 M	Bromomethane	20.000	10.707	46.5#	49	0.00
6 M	Chloroethane	20.000	17.932	10.3	81	0.00
7 M	Trichlorofluoromethane	20.000	18.571	7.1	85	0.00
8 T	Diethyl Ether	20.000	20.251	-1.3	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.027	9.9	80	0.00
10 M	1,1-Dichloroethene	20.000	19.031	4.8	87	0.00
11	Methyl Iodide	20.000	9.176	54.1#	43	0.00
12	Methyl Acetate	20.000	21.925	-9.6	99	0.00
13 M	Acrolein	100.000	25.620	74.4#	25	0.00
14 M	Acrylonitrile	100.000	105.551	-5.6	94	0.00
15 M	Acetone	100.000	98.626	1.4	83	0.00
16 M	Carbon Disulfide	20.000	17.080	14.6	78	0.00
17	Allyl chloride	20.000	18.568	7.2	84	0.00
18 M	Methylene Chloride	20.000	19.655	1.7	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.937	5.3	87	0.00
20 T	Diisopropyl ether	20.000	19.269	3.7	87	0.00
21 M	1,1-Dichloroethane	20.000	19.082	4.6	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.345	3.3	88	0.00
23 M	tert-Butyl Alcohol	100.000	123.288	-23.3	110	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.303	-6.5	97	0.00
25 M	Chloroform	20.000	19.129	4.4	87	0.00
26	Cyclohexane	20.000	17.730	11.3	80	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.376	2.1	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	18.745	6.3	85	0.00
30 M	2-Butanone	100.000	104.975	-5.0	93	0.00
31	2,2-Dichloropropane	20.000	18.766	6.2	87	0.00
32 M	1,1,1-Trichloroethane	20.000	19.511	2.4	90	0.00
33 M	Carbon Tetrachloride	20.000	18.673	6.6	85	0.00
34 M	Benzene	20.000	19.252	3.7	87	0.00
35	Methacrylonitrile	20.000	16.295	18.5	73	0.00
36 M	1,2-Dichloroethane	20.000	19.725	1.4	90	0.00
37 M	Trichloroethene	20.000	20.309	-1.5	93	0.00
38	Methylcyclohexane	20.000	17.725	11.4	79	0.00
39 M	1,2-Dichloropropane	20.000	19.467	2.7	88	0.00
40	Dibromomethane	20.000	20.801	-4.0	94	0.00
41 M	Bromodichloromethane	20.000	18.894	5.5	87	0.00
42 M	Vinyl Acetate	100.000	91.907	8.1	84	0.00
43	Ethyl Acetate	20.000	21.779	-8.9	96	0.00
44	Isopropyl Acetate	20.000	23.304	-16.5	108	0.00
45 T	1,4-Dioxane	400.000	434.378	-8.6	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	21.881	-9.4	101	0.00
47	n-amyl Acetate	20.000	24.435	-22.2	117	0.00
48 M	t-1,3-Dichloropropene	20.000	19.434	2.8	93	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.913	5.4	88	0.00
50 M	1,1,2-Trichloroethane	20.000	20.658	-3.3	92	0.00
51	Ethyl methacrylate	20.000	22.041	-10.2	104	0.00
52	1,3-Dichloropropane	20.000	20.320	-1.6	92	0.00
53 M	Dibromochloromethane	20.000	19.519	2.4	89	0.00
54 M	1,2-Dibromoethane	20.000	21.117	-5.6	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	110.184	-10.2	99	0.00
56 M	Bromoform	20.000	19.084	4.6	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.348	-11.3	100	0.00
59 M	2-Hexanone	100.000	110.600	-10.6	98	0.00
60 S	4-Bromofluorobenzene	30.000	30.485	-1.6	94	0.00
61 M	Tetrachloroethene	20.000	23.577	-17.9	106	0.00
62 M	Toluene	20.000	19.166	4.2	87	0.00
63 S	Toluene-d8	30.000	29.035	3.2	88	0.00
64 M	Chlorobenzene	20.000	19.603	2.0	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.597	2.0	92	0.00
66 M	Ethyl Benzene	20.000	19.109	4.5	88	0.00
67 M	m/p-Xylenes	40.000	38.908	2.7	89	0.00
68 M	o-Xylene	20.000	19.739	1.3	91	0.00
69 M	Styrene	20.000	19.785	1.1	91	0.00
70	Isopropylbenzene	20.000	19.588	2.1	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.552	-2.8	93	0.00
72	1,2,3-Trichloropropane	20.000	21.423	-7.1	104	0.00
73	Bromobenzene	20.000	20.893	-4.5	97	0.00
74	n-propylbenzene	20.000	19.395	3.0	88	0.00
75	2-Chlorotoluene	20.000	19.650	1.8	89	0.00
76	1,3,5-Trimethylbenzene	20.000	19.904	0.5	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.926	0.4	97	0.00
78	4-Chlorotoluene	20.000	19.951	0.2	91	0.00
79	tert-butylbenzene	20.000	20.057	-0.3	91	0.00
80	1,2,4-Trimethylbenzene	20.000	20.114	-0.6	91	0.00
81	sec-Butylbenzene	20.000	19.691	1.5	90	0.00
82	p-Isopropyltoluene	20.000	19.915	0.4	91	0.00
83 M	1,3-Dichlorobenzene	20.000	20.855	-4.3	97	0.00
84 M	1,4-Dichlorobenzene	20.000	21.346	-6.7	99	0.00
85	n-Butylbenzene	20.000	19.886	0.6	92	0.00
86 T	Hexachloroethane	20.000	16.899	15.5	79	0.00
87 M	1,2-Dichlorobenzene	20.000	21.442	-7.2	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.766	-18.8	112	0.00
89	1,2,4-Trichlorobenzene	20.000	26.421	-32.1#	127	0.00
90	Hexachlorobutadiene	20.000	21.114	-5.6	91	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	29.497	-47.5#	141	0.00
92	1,2,3-Trichlorobenzene	20.000	26.724	-33.6#	126	0.00

(#) = Out of Range

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