

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052579.D
 Acq On : 29 Nov 2018 21:58
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 30 04:07:07 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	18.214	8.9	88	0.00
3 M	Chloromethane	20.000	17.902	10.5	89	0.00
4 M	Vinyl Chloride	20.000	18.770	6.2	94	0.00
5 M	Bromomethane	20.000	20.328	-1.6	103	0.00
6 M	Chloroethane	20.000	19.350	3.2	95	0.00
7 M	Trichlorofluoromethane	20.000	19.215	3.9	96	0.00
8 T	Diethyl Ether	20.000	19.455	2.7	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.362	8.2	89	0.00
10 M	1,1-Dichloroethene	20.000	19.043	4.8	96	0.00
11	Methyl Iodide	20.000	19.181	4.1	100	0.00
12	Methyl Acetate	20.000	19.293	3.5	96	0.00
13 M	Acrolein	100.000	85.562	14.4	93	0.00
14 M	Acrylonitrile	100.000	94.245	5.8	92	0.00
15 M	Acetone	100.000	82.781	17.2	76	0.00
16 M	Carbon Disulfide	20.000	17.583	12.1	89	0.00
17	Allyl chloride	20.000	17.087	14.6	85	0.00
18 M	Methylene Chloride	20.000	19.257	3.7	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.381	3.1	98	0.00
20 T	Diisopropyl ether	20.000	18.715	6.4	93	0.00
21 M	1,1-Dichloroethane	20.000	18.891	5.5	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.149	4.3	96	0.00
23 M	tert-Butyl Alcohol	100.000	107.177	-7.2	105	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.009	-0.0	100	0.00
25 M	Chloroform	20.000	19.313	3.4	97	0.00
26	Cyclohexane	20.000	18.141	9.3	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.798	0.7	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	18.817	5.9	94	0.00
30 M	2-Butanone	100.000	89.787	10.2	88	0.00
31	2,2-Dichloropropane	20.000	17.518	12.4	90	0.00
32 M	1,1,1-Trichloroethane	20.000	19.211	3.9	98	0.00
33 M	Carbon Tetrachloride	20.000	19.090	4.6	97	0.00
34 M	Benzene	20.000	19.070	4.6	95	0.00
35	Methacrylonitrile	20.000	16.823	15.9	83	0.00
36 M	1,2-Dichloroethane	20.000	19.056	4.7	96	0.00
37 M	Trichloroethene	20.000	19.563	2.2	99	0.00
38	Methylcyclohexane	20.000	17.657	11.7	87	0.00
39 M	1,2-Dichloropropane	20.000	18.718	6.4	94	0.00
40	Dibromomethane	20.000	19.566	2.2	98	0.00
41 M	Bromodichloromethane	20.000	19.035	4.8	97	0.00
42 M	Vinyl Acetate	100.000	94.201	5.8	96	0.00
43	Ethyl Acetate	20.000	19.232	3.8	93	0.00
44	Isopropyl Acetate	20.000	21.363	-6.8	109	0.00
45 T	1,4-Dioxane	400.000	436.371	-9.1	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.265	3.7	98	0.00
47	n-amyl Acetate	20.000	19.279	3.6	103	0.00
48 M	t-1,3-Dichloropropene	20.000	18.508	7.5	98	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.395	8.0	94	0.00
50 M	1,1,2-Trichloroethane	20.000	19.847	0.8	98	0.00
51	Ethyl methacrylate	20.000	19.619	1.9	102	0.00
52	1,3-Dichloropropane	20.000	19.318	3.4	96	0.00
53 M	Dibromochloromethane	20.000	19.095	4.5	96	0.00
54 M	1,2-Dibromoethane	20.000	19.875	0.6	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.720	1.3	98	0.00
56 M	Bromoform	20.000	19.240	3.8	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.985	0.0	96	0.00
59 M	2-Hexanone	100.000	95.391	4.6	91	0.00
60 S	4-Bromofluorobenzene	30.000	29.921	0.3	99	0.00
61 M	Tetrachloroethene	20.000	20.922	-4.6	101	0.00
62 M	Toluene	20.000	19.569	2.2	96	0.00
63 S	Toluene-d8	30.000	30.034	-0.1	98	0.00
64 M	Chlorobenzene	20.000	19.440	2.8	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.815	0.9	100	0.00
66 M	Ethyl Benzene	20.000	19.180	4.1	95	0.00
67 M	m/p-Xylenes	40.000	39.022	2.4	96	0.00
68 M	o-Xylene	20.000	19.721	1.4	98	0.00
69 M	Styrene	20.000	19.468	2.7	96	0.00
70	Isopropylbenzene	20.000	19.746	1.3	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.196	-1.0	98	0.00
72	1,2,3-Trichloropropane	20.000	19.810	1.0	103	0.00
73	Bromobenzene	20.000	20.092	-0.5	101	0.00
74	n-propylbenzene	20.000	18.990	5.1	93	0.00
75	2-Chlorotoluene	20.000	19.366	3.2	95	0.00
76	1,3,5-Trimethylbenzene	20.000	19.571	2.1	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.450	12.8	92	0.00
78	4-Chlorotoluene	20.000	19.074	4.6	94	0.00
79	tert-butylbenzene	20.000	19.908	0.5	97	0.00
80	1,2,4-Trimethylbenzene	20.000	19.646	1.8	95	0.00
81	sec-Butylbenzene	20.000	19.079	4.6	93	0.00
82	p-Isopropyltoluene	20.000	19.237	3.8	95	0.00
83 M	1,3-Dichlorobenzene	20.000	19.416	2.9	97	0.00
84 M	1,4-Dichlorobenzene	20.000	19.450	2.8	97	0.00
85	n-Butylbenzene	20.000	17.758	11.2	88	0.00
86 T	Hexachloroethane	20.000	18.526	7.4	93	0.00
87 M	1,2-Dichlorobenzene	20.000	19.933	0.3	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.225	-1.1	103	0.00
89	1,2,4-Trichlorobenzene	20.000	18.730	6.3	97	0.00
90	Hexachlorobutadiene	20.000	19.359	3.2	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.752	1.2	102	0.00
92	1,2,3-Trichlorobenzene	20.000	19.593	2.0	100	0.00

(#) = Out of Range

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