

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110818\
 Data File : VN052222.D
 Acq On : 8 Nov 2018 16:09
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 08 16:29:51 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	19.897	0.5	96	0.00
3 M	Chloromethane	20.000	19.557	2.2	93	0.00
4 M	Vinyl Chloride	20.000	18.814	5.9	88	0.00
5 M	Bromomethane	20.000	18.567	7.2	91	0.00
6 M	Chloroethane	20.000	18.120	9.4	88	0.00
7 M	Trichlorofluoromethane	20.000	20.239	-1.2	99	0.00
8 T	Diethyl Ether	20.000	17.948	10.3	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.798	1.0	98	0.00
10 M	1,1-Dichloroethene	20.000	19.692	1.5	99	0.00
11	Methyl Iodide	20.000	19.287	3.6	101	0.00
12	Methyl Acetate	20.000	19.588	2.1	96	0.00
13 M	Acrolein	100.000	74.122	25.9	74	0.00
14 M	Acrylonitrile	100.000	90.638	9.4	87	0.00
15 M	Acetone	100.000	98.359	1.6	92	0.00
16 M	Carbon Disulfide	20.000	18.113	9.4	92	0.00
17	Allyl chloride	20.000	18.513	7.4	92	0.00
18 M	Methylene Chloride	20.000	18.460	7.7	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.605	2.0	97	0.00
20 T	Diisopropyl ether	20.000	19.769	1.2	96	0.00
21 M	1,1-Dichloroethane	20.000	19.761	1.2	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.173	4.1	93	0.00
23 M	tert-Butyl Alcohol	100.000	90.764	9.2	76	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.398	8.0	88	0.00
25 M	Chloroform	20.000	19.284	3.6	93	0.00
26	Cyclohexane	20.000	19.677	1.6	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.619	1.3	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	17.993	10.0	91	0.00
30 M	2-Butanone	100.000	92.318	7.7	89	0.00
31	2,2-Dichloropropane	20.000	18.143	9.3	93	0.00
32 M	1,1,1-Trichloroethane	20.000	18.179	9.1	94	0.00
33 M	Carbon Tetrachloride	20.000	18.591	7.0	98	0.00
34 M	Benzene	20.000	19.016	4.9	97	0.00
35	Methacrylonitrile	20.000	24.056	-20.3	113	0.00
36 M	1,2-Dichloroethane	20.000	17.563	12.2	90	0.00
37 M	Trichloroethene	20.000	18.809	6.0	101	0.00
38	Methylcyclohexane	20.000	18.673	6.6	97	0.00
39 M	1,2-Dichloropropane	20.000	18.567	7.2	91	0.00
40	Dibromomethane	20.000	17.840	10.8	90	0.00
41 M	Bromodichloromethane	20.000	18.392	8.0	95	0.00
42 M	Vinyl Acetate	100.000	88.924	11.1	89	0.00
43	Ethyl Acetate	20.000	2.324	88.4#	11	0.38
44	Isopropyl Acetate	20.000	17.094	14.5	87	0.00
45 T	1,4-Dioxane	400.000	334.351	16.4	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.344	13.3	85	0.00
47	n-amyl Acetate	20.000	16.481	17.6	86	0.00
48 M	t-1,3-Dichloropropene	20.000	17.581	12.1	92	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.170	9.1	92	0.00
50 M	1,1,2-Trichloroethane	20.000	18.030	9.8	93	0.00
51	Ethyl methacrylate	20.000	17.335	13.3	89	0.00
52	1,3-Dichloropropane	20.000	18.197	9.0	93	0.00
53 M	Dibromochloromethane	20.000	18.469	7.7	97	0.00
54 M	1,2-Dibromoethane	20.000	17.836	10.8	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.364	7.6	91	0.00
56 M	Bromoform	20.000	17.915	10.4	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.264	9.7	87	0.00
59 M	2-Hexanone	100.000	87.719	12.3	85	0.00
60 S	4-Bromofluorobenzene	30.000	29.398	2.0	98	0.00
61 M	Tetrachloroethene	20.000	20.038	-0.2	105	0.00
62 M	Toluene	20.000	19.064	4.7	95	0.00
63 S	Toluene-d8	30.000	29.897	0.3	99	0.00
64 M	Chlorobenzene	20.000	18.999	5.0	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.470	2.7	100	0.00
66 M	Ethyl Benzene	20.000	19.042	4.8	98	0.00
67 M	m/p-Xylenes	40.000	37.653	5.9	97	0.00
68 M	o-Xylene	20.000	18.956	5.2	97	0.00
69 M	Styrene	20.000	18.896	5.5	95	0.00
70	Isopropylbenzene	20.000	19.192	4.0	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.725	6.4	95	0.00
72	1,2,3-Trichloropropane	20.000	15.245	23.8	75	0.00
73	Bromobenzene	20.000	20.029	-0.1	107	0.00
74	n-propylbenzene	20.000	18.861	5.7	98	0.00
75	2-Chlorotoluene	20.000	18.685	6.6	96	0.00
76	1,3,5-Trimethylbenzene	20.000	18.800	6.0	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.388	23.1	88	0.00
78	4-Chlorotoluene	20.000	18.269	8.7	94	0.00
79	tert-butylbenzene	20.000	19.372	3.1	98	0.00
80	1,2,4-Trimethylbenzene	20.000	19.100	4.5	97	0.00
81	sec-Butylbenzene	20.000	19.278	3.6	100	0.00
82	p-Isopropyltoluene	20.000	19.077	4.6	100	0.00
83 M	1,3-Dichlorobenzene	20.000	19.585	2.1	104	0.00
84 M	1,4-Dichlorobenzene	20.000	19.062	4.7	104	0.00
85	n-Butylbenzene	20.000	18.881	5.6	100	0.00
86 T	Hexachloroethane	20.000	18.661	6.7	99	0.00
87 M	1,2-Dichlorobenzene	20.000	19.881	0.6	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.229	18.9	79	0.00
89	1,2,4-Trichlorobenzene	20.000	18.390	8.0	99	0.00
90	Hexachlorobutadiene	20.000	20.925	-4.6	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.232	8.8	96	0.00
92	1,2,3-Trichlorobenzene	20.000	19.840	0.8	109	0.00

(#) = Out of Range

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