

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091418\
 Data File : VN051173.D
 Acq On : 14 Sep 2018 7:44
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 14 14:47:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	15.738	21.3	70	0.00
3 M	Chloromethane	20.000	17.021	14.9	77	0.00
4 M	Vinyl Chloride	20.000	17.930	10.4	83	0.00
5 M	Bromomethane	20.000	16.950	15.3	84	0.00
6 M	Chloroethane	20.000	19.081	4.6	89	0.00
7 M	Trichlorofluoromethane	20.000	19.815	0.9	93	0.00
8 T	Diethyl Ether	20.000	18.494	7.5	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.648	-3.2	97	0.00
10 M	1,1-Dichloroethene	20.000	19.747	1.3	94	0.00
11	Methyl Iodide	20.000	15.909	20.5	89	0.00
12	Methyl Acetate	20.000	13.305	33.5#	64	0.00
13 M	Acrolein	100.000	259.813	-159.8#	301	0.00
14 M	Acrylonitrile	100.000	79.333	20.7	78	0.00
15 M	Acetone	100.000	101.347	-1.3	103	0.00
16 M	Carbon Disulfide	20.000	18.768	6.2	90	0.00
17	Allyl chloride	20.000	18.580	7.1	92	0.00
18 M	Methylene Chloride	20.000	19.677	1.6	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.872	0.6	95	0.00
20 T	Diisopropyl ether	20.000	19.882	0.6	92	0.00
21 M	1,1-Dichloroethane	20.000	20.188	-0.9	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.956	0.2	95	0.00
23 M	tert-Butyl Alcohol	100.000	66.826	33.2#	66	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.101	9.5	89	0.00
25 M	Chloroform	20.000	20.530	-2.7	96	0.00
26	Cyclohexane	20.000	19.356	3.2	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.325	2.3	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	19.617	1.9	96	0.00
30 M	2-Butanone	100.000	78.750	21.3	83	0.00
31	2,2-Dichloropropane	20.000	22.059	-10.3	111	0.00
32 M	1,1,1-Trichloroethane	20.000	20.340	-1.7	98	0.00
33 M	Carbon Tetrachloride	20.000	20.344	-1.7	98	0.00
34 M	Benzene	20.000	19.478	2.6	94	0.00
35	Methacrylonitrile	20.000	14.376	28.1	66	0.00
36 M	1,2-Dichloroethane	20.000	18.665	6.7	89	0.00
37 M	Trichloroethene	20.000	19.943	0.3	99	0.00
38	Methylcyclohexane	20.000	19.583	2.1	101	0.00
39 M	1,2-Dichloropropane	20.000	19.586	2.1	94	0.00
40	Dibromomethane	20.000	18.631	6.8	90	0.00
41 M	Bromodichloromethane	20.000	19.635	1.8	96	0.00
42 M	Vinyl Acetate	100.000	90.106	9.9	90	0.00
43	Ethyl Acetate	20.000	16.408	18.0	78	0.00
44	Isopropyl Acetate	20.000	16.446	17.8	81	0.00
45 T	1,4-Dioxane	400.000	294.261	26.4	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	15.169	24.2	78	0.00
47	n-amyl Acetate	20.000	13.402	33.0#	71	0.00
48 M	t-1,3-Dichloropropene	20.000	17.853	10.7	92	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.021	4.9	96	0.00
50 M	1,1,2-Trichloroethane	20.000	18.849	5.8	90	0.00
51	Ethyl methacrylate	20.000	16.211	18.9	86	0.00
52	1,3-Dichloropropane	20.000	18.401	8.0	89	0.00
53 M	Dibromochloromethane	20.000	18.796	6.0	94	0.00
54 M	1,2-Dibromoethane	20.000	17.255	13.7	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	70.512	29.5	73	0.00
56 M	Bromoform	20.000	16.774	16.1	84	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	76.071	23.9	74	0.00
59 M	2-Hexanone	100.000	72.789	27.2	73	0.00
60 S	4-Bromofluorobenzene	30.000	29.152	2.8	92	0.00
61 M	Tetrachloroethene	20.000	21.015	-5.1	97	0.00
62 M	Toluene	20.000	20.532	-2.7	95	0.00
63 S	Toluene-d8	30.000	30.942	-3.1	95	0.00
64 M	Chlorobenzene	20.000	20.123	-0.6	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.997	-5.0	98	0.00
66 M	Ethyl Benzene	20.000	19.529	2.4	94	0.00
67 M	m/p-Xylenes	40.000	40.376	-0.9	94	0.00
68 M	o-Xylene	20.000	20.175	-0.9	95	0.00
69 M	Styrene	20.000	19.484	2.6	92	0.00
70	Isopropylbenzene	20.000	20.124	-0.6	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.291	13.5	80	0.00
72	1,2,3-Trichloropropane	20.000	16.662	16.7	77	0.00
73	Bromobenzene	20.000	19.163	4.2	91	0.00
74	n-propylbenzene	20.000	19.605	2.0	92	0.00
75	2-Chlorotoluene	20.000	19.790	1.1	92	0.00
76	1,3,5-Trimethylbenzene	20.000	20.175	-0.9	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.761	26.2	76	0.00
78	4-Chlorotoluene	20.000	18.850	5.7	88	0.00
79	tert-butylbenzene	20.000	19.727	1.4	92	0.00
80	1,2,4-Trimethylbenzene	20.000	20.178	-0.9	92	0.00
81	sec-Butylbenzene	20.000	19.966	0.2	94	0.00
82	p-Isopropyltoluene	20.000	19.681	1.6	93	0.00
83 M	1,3-Dichlorobenzene	20.000	18.595	7.0	88	0.00
84 M	1,4-Dichlorobenzene	20.000	18.011	9.9	86	0.00
85	n-Butylbenzene	20.000	17.875	10.6	90	0.00
86 T	Hexachloroethane	20.000	20.194	-1.0	97	0.00
87 M	1,2-Dichlorobenzene	20.000	18.576	7.1	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.461	27.7	66	0.00
89	1,2,4-Trichlorobenzene	20.000	13.476	32.6#	75	0.00
90	Hexachlorobutadiene	20.000	20.996	-5.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.852	20.7	64	0.00
92	1,2,3-Trichlorobenzene	20.000	14.383	28.1	75	0.00

(#) = Out of Range

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