

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN080318\
 Data File : VN050304.D
 Acq On : 3 Aug 2018 10:29
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 03 23:11:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 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	17.959	10.2	73	0.00
3 M	Chloromethane	20.000	15.775	21.1	69	0.00
4 M	Vinyl Chloride	20.000	16.636	16.8	72	0.00
5 M	Bromomethane	20.000	4.051	79.7#	18	0.00
6 M	Chloroethane	20.000	16.985	15.1	74	0.00
7 M	Trichlorofluoromethane	20.000	18.411	7.9	78	0.00
8 T	Diethyl Ether	20.000	18.743	6.3	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.885	5.6	80	0.00
10 M	1,1-Dichloroethene	20.000	17.758	11.2	78	0.00
11	Methyl Iodide	20.000	1.606	92.0#	7	0.00
12	Methyl Acetate	20.000	23.463	-17.3	103	0.00
13 M	Acrolein	100.000	23.290	76.7#	24	0.00
14 M	Acrylonitrile	100.000	96.223	3.8	88	0.00
15 M	Acetone	100.000	112.314	-12.3	97	0.00
16 M	Carbon Disulfide	20.000	15.447	22.8	68	0.00
17	Allyl chloride	20.000	18.042	9.8	82	0.00
18 M	Methylene Chloride	20.000	18.420	7.9	81	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.996	10.0	79	0.00
20 T	Diisopropyl ether	20.000	19.659	1.7	86	0.00
21 M	1,1-Dichloroethane	20.000	18.884	5.6	83	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.893	5.5	85	0.00
23 M	tert-Butyl Alcohol	100.000	103.004	-3.0	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.260	3.7	87	0.00
25 M	Chloroform	20.000	19.252	3.7	84	0.00
26	Cyclohexane	20.000	17.293	13.5	77	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.091	-0.3	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	17.529	12.4	79	0.00
30 M	2-Butanone	100.000	96.751	3.2	93	0.00
31	2,2-Dichloropropane	20.000	18.726	6.4	86	0.00
32 M	1,1,1-Trichloroethane	20.000	18.092	9.5	83	0.00
33 M	Carbon Tetrachloride	20.000	17.589	12.1	82	0.00
34 M	Benzene	20.000	17.844	10.8	82	0.00
35	Methacrylonitrile	20.000	18.233	8.8	91	0.00
36 M	1,2-Dichloroethane	20.000	17.966	10.2	82	0.00
37 M	Trichloroethene	20.000	17.522	12.4	81	0.00
38	Methylcyclohexane	20.000	16.768	16.2	80	0.00
39 M	1,2-Dichloropropane	20.000	18.562	7.2	85	0.00
40	Dibromomethane	20.000	17.999	10.0	84	0.00
41 M	Bromodichloromethane	20.000	18.359	8.2	85	0.00
42 M	Vinyl Acetate	100.000	85.908	14.1	82	0.00
43	Ethyl Acetate	20.000	18.501	7.5	86	0.00
44	Isopropyl Acetate	20.000	20.582	-2.9	97	0.00
45 T	1,4-Dioxane	400.000	390.361	2.4	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.822	5.9	90	0.00
47	n-amyl Acetate	20.000	17.149	14.3	88	0.00
48 M	t-1,3-Dichloropropene	20.000	18.282	8.6	86	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.728	11.4	84	0.00
50 M	1,1,2-Trichloroethane	20.000	18.448	7.8	86	0.00
51	Ethyl methacrylate	20.000	17.879	10.6	91	0.00
52	1,3-Dichloropropane	20.000	18.334	8.3	85	0.00
53 M	Dibromochloromethane	20.000	17.897	10.5	85	0.00
54 M	1,2-Dibromoethane	20.000	18.070	9.6	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.764	14.2	83	0.00
56 M	Bromoform	20.000	17.268	13.7	84	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.807	0.2	90	0.00
59 M	2-Hexanone	100.000	99.474	0.5	92	0.00
60 S	4-Bromofluorobenzene	30.000	29.742	0.9	92	0.00
61 M	Tetrachloroethene	20.000	18.104	9.5	78	0.00
62 M	Toluene	20.000	18.635	6.8	82	0.00
63 S	Toluene-d8	30.000	30.304	-1.0	90	0.00
64 M	Chlorobenzene	20.000	18.835	5.8	85	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.116	4.4	85	0.00
66 M	Ethyl Benzene	20.000	18.424	7.9	84	0.00
67 M	m/p-Xylenes	40.000	37.498	6.3	83	0.00
68 M	o-Xylene	20.000	18.859	5.7	86	0.00
69 M	Styrene	20.000	18.660	6.7	83	0.00
70	Isopropylbenzene	20.000	19.003	5.0	85	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.544	2.3	90	0.00
72	1,2,3-Trichloropropane	20.000	18.607	7.0	84	0.00
73	Bromobenzene	20.000	18.447	7.8	84	0.00
74	n-propylbenzene	20.000	18.581	7.1	82	0.00
75	2-Chlorotoluene	20.000	18.848	5.8	84	0.00
76	1,3,5-Trimethylbenzene	20.000	18.990	5.1	83	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.550	22.2	77	0.00
78	4-Chlorotoluene	20.000	18.654	6.7	83	0.00
79	tert-butylbenzene	20.000	19.078	4.6	86	0.00
80	1,2,4-Trimethylbenzene	20.000	18.824	5.9	82	0.00
81	sec-Butylbenzene	20.000	18.897	5.5	84	0.00
82	p-Isopropyltoluene	20.000	18.827	5.9	84	0.00
83 M	1,3-Dichlorobenzene	20.000	18.171	9.1	82	0.00
84 M	1,4-Dichlorobenzene	20.000	18.256	8.7	83	0.00
85	n-Butylbenzene	20.000	17.720	11.4	82	0.00
86 T	Hexachloroethane	20.000	17.023	14.9	77	0.00
87 M	1,2-Dichlorobenzene	20.000	18.940	5.3	84	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.856	5.7	87	0.00
89	1,2,4-Trichlorobenzene	20.000	16.674	16.6	81	0.00
90	Hexachlorobutadiene	20.000	18.823	5.9	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.380	8.1	83	0.00
92	1,2,3-Trichlorobenzene	20.000	17.676	11.6	83	0.00

(#) = Out of Range

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