

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
 Data File : VN052714.D
 Acq On : 6 Dec 2018 23:05
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 07 07:46:13 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	18.321	8.4	81	0.00
3 M	Chloromethane	20.000	18.929	5.4	85	0.00
4 M	Vinyl Chloride	20.000	19.655	1.7	89	0.00
5 M	Bromomethane	20.000	20.307	-1.5	93	0.00
6 M	Chloroethane	20.000	19.513	2.4	87	0.00
7 M	Trichlorofluoromethane	20.000	20.018	-0.1	91	0.00
8 T	Diethyl Ether	20.000	20.359	-1.8	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.525	2.4	86	0.00
10 M	1,1-Dichloroethene	20.000	20.132	-0.7	92	0.00
11	Methyl Iodide	20.000	21.500	-7.5	101	0.00
12	Methyl Acetate	20.000	21.536	-7.7	97	0.00
13 M	Acrolein	100.000	80.260	19.7	79	0.00
14 M	Acrylonitrile	100.000	104.660	-4.7	93	0.00
15 M	Acetone	100.000	89.584	10.4	75	0.00
16 M	Carbon Disulfide	20.000	18.497	7.5	85	0.00
17	Allyl chloride	20.000	18.113	9.4	82	0.00
18 M	Methylene Chloride	20.000	20.015	-0.1	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.993	0.0	92	0.00
20 T	Diisopropyl ether	20.000	19.964	0.2	90	0.00
21 M	1,1-Dichloroethane	20.000	20.003	-0.0	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.314	-1.6	92	0.00
23 M	tert-Butyl Alcohol	100.000	107.297	-7.3	95	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.131	-5.7	96	0.00
25 M	Chloroform	20.000	20.322	-1.6	92	0.00
26	Cyclohexane	20.000	18.960	5.2	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.805	0.7	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	19.873	0.6	89	0.00
30 M	2-Butanone	100.000	98.962	1.0	87	0.00
31	2,2-Dichloropropane	20.000	18.564	7.2	85	0.00
32 M	1,1,1-Trichloroethane	20.000	20.463	-2.3	93	0.00
33 M	Carbon Tetrachloride	20.000	20.453	-2.3	93	0.00
34 M	Benzene	20.000	20.190	-1.0	91	0.00
35	Methacrylonitrile	20.000	20.498	-2.5	91	0.00
36 M	1,2-Dichloroethane	20.000	20.651	-3.3	93	0.00
37 M	Trichloroethene	20.000	20.524	-2.6	93	0.00
38	Methylcyclohexane	20.000	18.849	5.8	84	0.00
39 M	1,2-Dichloropropane	20.000	20.077	-0.4	91	0.00
40	Dibromomethane	20.000	21.228	-6.1	96	0.00
41 M	Bromodichloromethane	20.000	20.329	-1.6	93	0.00
42 M	Vinyl Acetate	100.000	100.921	-0.9	92	0.00
43	Ethyl Acetate	20.000	23.283	-16.4	102	0.00
44	Isopropyl Acetate	20.000	21.545	-7.7	99	0.00
45 T	1,4-Dioxane	400.000	408.031	-2.0	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	21.211	-6.1	97	0.00
47	n-amyl Acetate	20.000	20.354	-1.8	97	0.00
48 M	t-1,3-Dichloropropene	20.000	19.871	0.6	95	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.795	1.0	91	0.00
50 M	1,1,2-Trichloroethane	20.000	21.666	-8.3	96	0.00
51	Ethyl methacrylate	20.000	21.331	-6.7	100	0.00
52	1,3-Dichloropropane	20.000	20.896	-4.5	94	0.00
53 M	Dibromochloromethane	20.000	20.864	-4.3	95	0.00
54 M	1,2-Dibromoethane	20.000	21.302	-6.5	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.875	1.1	88	0.00
56 M	Bromoform	20.000	21.276	-6.4	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.842	-8.8	95	0.00
59 M	2-Hexanone	100.000	102.994	-3.0	89	0.00
60 S	4-Bromofluorobenzene	30.000	29.262	2.5	88	0.00
61 M	Tetrachloroethene	20.000	22.171	-10.9	97	0.00
62 M	Toluene	20.000	20.380	-1.9	90	0.00
63 S	Toluene-d8	30.000	29.764	0.8	88	0.00
64 M	Chlorobenzene	20.000	20.411	-2.1	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.073	-5.4	96	0.00
66 M	Ethyl Benzene	20.000	20.223	-1.1	91	0.00
67 M	m/p-Xylenes	40.000	40.730	-1.8	90	0.00
68 M	o-Xylene	20.000	20.304	-1.5	91	0.00
69 M	Styrene	20.000	20.360	-1.8	91	0.00
70	Isopropylbenzene	20.000	20.560	-2.8	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.824	-9.1	96	0.00
72	1,2,3-Trichloropropane	20.000	21.368	-6.8	101	0.00
73	Bromobenzene	20.000	21.026	-5.1	95	0.00
74	n-propylbenzene	20.000	19.707	1.5	87	0.00
75	2-Chlorotoluene	20.000	20.450	-2.2	91	0.00
76	1,3,5-Trimethylbenzene	20.000	20.428	-2.1	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.327	3.4	92	0.00
78	4-Chlorotoluene	20.000	20.207	-1.0	90	0.00
79	tert-butylbenzene	20.000	20.786	-3.9	92	0.00
80	1,2,4-Trimethylbenzene	20.000	20.451	-2.3	90	0.00
81	sec-Butylbenzene	20.000	20.129	-0.6	89	0.00
82	p-Isopropyltoluene	20.000	19.995	0.0	89	0.00
83 M	1,3-Dichlorobenzene	20.000	20.402	-2.0	92	0.00
84 M	1,4-Dichlorobenzene	20.000	20.109	-0.5	91	0.00
85	n-Butylbenzene	20.000	18.295	8.5	82	0.00
86 T	Hexachloroethane	20.000	19.787	1.1	90	0.00
87 M	1,2-Dichlorobenzene	20.000	21.061	-5.3	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.335	-11.7	102	0.00
89	1,2,4-Trichlorobenzene	20.000	19.482	2.6	91	0.00
90	Hexachlorobutadiene	20.000	20.508	-2.5	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.170	-0.9	94	0.00
92	1,2,3-Trichlorobenzene	20.000	20.793	-4.0	96	0.00

(#) = Out of Range

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