

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050861.D
 Acq On : 24 Aug 2018 8:04
 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 24 14:09:29 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	74	0.00
2 M	Dichlorodifluoromethane	20.000	20.611	-3.1	67	0.00
3 M	Chloromethane	20.000	21.820	-9.1	77	0.00
4 M	Vinyl Chloride	20.000	19.864	0.7	69	0.00
5 M	Bromomethane	20.000	19.035	4.8	67	0.00
6 M	Chloroethane	20.000	19.282	3.6	68	0.00
7 M	Trichlorofluoromethane	20.000	19.705	1.5	68	0.00
8 T	Diethyl Ether	20.000	19.368	3.2	72	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.354	-1.8	70	0.00
10 M	1,1-Dichloroethene	20.000	19.624	1.9	69	0.00
11	Methyl Iodide	20.000	10.329	48.4#	38	0.00
12	Methyl Acetate	20.000	17.631	11.8	62	0.00
13 M	Acrolein	100.000	32.833	67.2#	27	0.00
14 M	Acrylonitrile	100.000	86.966	13.0	64	0.00
15 M	Acetone	100.000	88.552	11.4	62	0.00
16 M	Carbon Disulfide	20.000	20.049	-0.2	71	0.00
17	Allyl chloride	20.000	19.295	3.5	71	0.00
18 M	Methylene Chloride	20.000	20.345	-1.7	72	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.602	2.0	69	0.00
20 T	Diisopropyl ether	20.000	19.924	0.4	70	0.00
21 M	1,1-Dichloroethane	20.000	19.555	2.2	70	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.604	2.0	71	0.00
23 M	tert-Butyl Alcohol	100.000	75.920	24.1	57	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.286	8.6	66	0.00
25 M	Chloroform	20.000	19.363	3.2	68	0.00
26	Cyclohexane	20.000	20.019	-0.1	72	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.807	4.0	70	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	75	0.00
29	1,1-Dichloropropene	20.000	19.051	4.7	68	0.00
30 M	2-Butanone	100.000	79.085	20.9	60	0.00
31	2,2-Dichloropropane	20.000	19.057	4.7	69	0.00
32 M	1,1,1-Trichloroethane	20.000	18.375	8.1	67	0.00
33 M	Carbon Tetrachloride	20.000	18.344	8.3	67	0.00
34 M	Benzene	20.000	19.514	2.4	71	0.00
35	Methacrylonitrile	20.000	15.933	20.3	63	0.00
36 M	1,2-Dichloroethane	20.000	17.699	11.5	64	0.00
37 M	Trichloroethene	20.000	19.256	3.7	71	0.00
38	Methylcyclohexane	20.000	19.119	4.4	72	0.00
39 M	1,2-Dichloropropane	20.000	19.270	3.7	70	0.00
40	Dibromomethane	20.000	18.091	9.5	67	0.00
41 M	Bromodichloromethane	20.000	18.220	8.9	67	0.00
42 M	Vinyl Acetate	100.000	83.872	16.1	63	0.00
43	Ethyl Acetate	20.000	15.818	20.9	58	0.00
44	Isopropyl Acetate	20.000	15.569	22.2	58	0.00
45 T	1,4-Dioxane	400.000	322.022	19.5	60	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	15.379	23.1	58	0.00
47	n-amyl Acetate	20.000	14.993	25.0	61	0.00
48 M	t-1,3-Dichloropropene	20.000	18.131	9.3	68	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.503	7.5	69	0.00
50 M	1,1,2-Trichloroethane	20.000	17.739	11.3	66	0.00
51	Ethyl methacrylate	20.000	16.021	19.9	65	0.00
52	1,3-Dichloropropane	20.000	18.123	9.4	67	0.00
53 M	Dibromochloromethane	20.000	17.803	11.0	67	0.00
54 M	1,2-Dibromoethane	20.000	17.573	12.1	66	0.00
55 M	2-Chloroethyl vinyl ether	100.000	74.069	25.9	57	0.00
56 M	Bromoform	20.000	16.655	16.7	64	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	76	0.00
58 M	4-Methyl-2-Pentanone	100.000	79.530	20.5	59	0.00
59 M	2-Hexanone	100.000	76.755	23.2	58	0.00
60 S	4-Bromofluorobenzene	30.000	29.695	1.0	76	0.00
61 M	Tetrachloroethene	20.000	18.073	9.6	64	0.00
62 M	Toluene	20.000	19.002	5.0	69	0.00
63 S	Toluene-d8	30.000	30.103	-0.3	74	0.00
64 M	Chlorobenzene	20.000	19.282	3.6	72	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.308	8.5	67	0.00
66 M	Ethyl Benzene	20.000	18.383	8.1	69	0.00
67 M	m/p-Xylenes	40.000	38.060	4.8	69	0.00
68 M	o-Xylene	20.000	18.867	5.7	71	0.00
69 M	Styrene	20.000	18.329	8.4	68	0.00
70	Isopropylbenzene	20.000	18.926	5.4	70	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.530	12.3	66	0.00
72	1,2,3-Trichloropropane	20.000	16.466	17.7	61	0.00
73	Bromobenzene	20.000	18.526	7.4	70	0.00
74	n-propylbenzene	20.000	18.421	7.9	67	0.00
75	2-Chlorotoluene	20.000	19.025	4.9	70	0.00
76	1,3,5-Trimethylbenzene	20.000	19.206	4.0	69	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.647	26.8	60	0.00
78	4-Chlorotoluene	20.000	18.511	7.4	68	0.00
79	tert-butylbenzene	20.000	18.942	5.3	70	0.00
80	1,2,4-Trimethylbenzene	20.000	18.889	5.6	68	0.00
81	sec-Butylbenzene	20.000	18.750	6.3	68	0.00
82	p-Isopropyltoluene	20.000	18.600	7.0	68	0.00
83 M	1,3-Dichlorobenzene	20.000	17.768	11.2	66	0.00
84 M	1,4-Dichlorobenzene	20.000	17.614	11.9	66	0.00
85	n-Butylbenzene	20.000	16.855	15.7	64	0.00
86 T	Hexachloroethane	20.000	17.674	11.6	66	0.00
87 M	1,2-Dichlorobenzene	20.000	17.858	10.7	65	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.637	26.8	56	0.00
89	1,2,4-Trichlorobenzene	20.000	14.060	29.7	56	0.00
90	Hexachlorobutadiene	20.000	19.160	4.2	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.445	22.8	50	0.00
92	1,2,3-Trichlorobenzene	20.000	14.482	27.6	56	0.00

(#) = Out of Range

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