

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021619\
 Data File : VX007575.D
 Acq On : 15 Feb 2019 18:24
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 16 04:01:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	20.190	-1.0	103	0.00
3 M	Chloromethane	20.000	20.174	-0.9	102	0.00
4 M	Vinyl Chloride	20.000	20.587	-2.9	107	0.00
5 M	Bromomethane	20.000	17.823	10.9	104	0.00
6 M	Chloroethane	20.000	19.654	1.7	107	0.00
7 M	Trichlorofluoromethane	20.000	20.330	-1.6	105	0.00
8 T	Diethyl Ether	20.000	19.646	1.8	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.428	-2.1	107	0.00
10 M	1,1-Dichloroethene	20.000	20.304	-1.5	105	0.00
11	Methyl Iodide	20.000	18.382	8.1	100	0.00
12	Methyl Acetate	20.000	19.273	3.6	104	0.00
13 M	Acrolein	100.000	99.732	0.3	110	0.00
14 M	Acrylonitrile	100.000	96.572	3.4	100	0.00
15 M	Acetone	100.000	103.411	-3.4	106	0.00
16 M	Carbon Disulfide	20.000	19.638	1.8	104	0.00
17	Allyl chloride	20.000	20.669	-3.3	110	0.00
18 M	Methylene Chloride	20.000	19.973	0.1	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.820	0.9	105	0.00
20 T	Diisopropyl ether	20.000	19.729	1.4	102	0.00
21 M	1,1-Dichloroethane	20.000	19.729	1.4	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.002	-0.0	103	0.00
23 M	tert-Butyl Alcohol	100.000	98.634	1.4	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.820	0.9	104	0.00
25 M	Chloroform	20.000	19.774	1.1	103	0.00
26	Cyclohexane	20.000	19.979	0.1	103	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.855	0.5	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	20.386	-1.9	106	0.00
30 M	2-Butanone	100.000	101.210	-1.2	103	0.00
31	2,2-Dichloropropane	20.000	23.931	-19.7	125	0.00
32 M	1,1,1-Trichloroethane	20.000	19.759	1.2	102	0.00
33 M	Carbon Tetrachloride	20.000	19.567	2.2	105	0.00
34 M	Benzene	20.000	19.929	0.4	103	0.00
35	Methacrylonitrile	20.000	19.623	1.9	103	0.00
36 M	1,2-Dichloroethane	20.000	19.434	2.8	101	0.00
37 M	Trichloroethene	20.000	20.213	-1.1	105	0.00
38	Methylcyclohexane	20.000	20.926	-4.6	109	0.00
39 M	1,2-Dichloropropane	20.000	19.814	0.9	103	0.00
40	Dibromomethane	20.000	19.190	4.0	97	0.00
41 M	Bromodichloromethane	20.000	19.261	3.7	103	0.00
42 M	Vinyl Acetate	100.000	101.585	-1.6	103	0.00
43	Ethyl Acetate	20.000	20.561	-2.8	105	0.00
44	Isopropyl Acetate	20.000	19.947	0.3	106	0.00
45 T	1,4-Dioxane	400.000	382.939	4.3	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.085	-0.4	106	0.00
47	n-amyl Acetate	20.000	20.022	-0.1	107	0.00
48 M	t-1,3-Dichloropropene	20.000	19.447	2.8	107	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.042	-0.2	106	0.00
50 M	1,1,2-Trichloroethane	20.000	19.774	1.1	101	0.00
51	Ethyl methacrylate	20.000	20.395	-2.0	105	0.00
52	1,3-Dichloropropane	20.000	20.317	-1.6	104	0.00
53 M	Dibromochloromethane	20.000	19.139	4.3	104	0.00
54 M	1,2-Dibromoethane	20.000	19.794	1.0	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.177	-4.2	108	0.00
56 M	Bromoform	20.000	18.683	6.6	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.635	-2.6	102	0.00
59 M	2-Hexanone	100.000	104.104	-4.1	104	0.00
60 S	4-Bromofluorobenzene	30.000	30.380	-1.3	101	0.00
61 M	Tetrachloroethene	20.000	20.596	-3.0	105	0.00
62 M	Toluene	20.000	20.131	-0.7	103	0.00
63 S	Toluene-d8	30.000	30.239	-0.8	101	0.00
64 M	Chlorobenzene	20.000	20.241	-1.2	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.652	1.7	102	0.00
66 M	Ethyl Benzene	20.000	19.971	0.1	103	0.00
67 M	m/p-Xylenes	40.000	39.450	1.4	103	0.00
68 M	o-Xylene	20.000	19.940	0.3	103	0.00
69 M	Styrene	20.000	20.017	-0.1	105	0.00
70	Isopropylbenzene	20.000	20.063	-0.3	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.538	-2.7	104	0.00
72	1,2,3-Trichloropropane	20.000	20.785	-3.9	104	0.00
73	Bromobenzene	20.000	20.289	-1.4	105	0.00
74	n-propylbenzene	20.000	20.203	-1.0	105	0.00
75	2-Chlorotoluene	20.000	20.318	-1.6	105	0.00
76	1,3,5-Trimethylbenzene	20.000	19.935	0.3	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.271	-1.4	114	0.00
78	4-Chlorotoluene	20.000	20.222	-1.1	107	0.00
79	tert-butylbenzene	20.000	20.013	-0.1	105	0.00
80	1,2,4-Trimethylbenzene	20.000	20.161	-0.8	104	0.00
81	sec-Butylbenzene	20.000	20.026	-0.1	104	0.00
82	p-Isopropyltoluene	20.000	20.013	-0.1	105	0.00
83 M	1,3-Dichlorobenzene	20.000	19.699	1.5	102	0.00
84 M	1,4-Dichlorobenzene	20.000	19.952	0.2	103	0.00
85	n-Butylbenzene	20.000	19.816	0.9	107	0.00
86 T	Hexachloroethane	20.000	19.189	4.1	104	0.00
87 M	1,2-Dichlorobenzene	20.000	19.782	1.1	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.861	5.7	102	0.00
89	1,2,4-Trichlorobenzene	20.000	20.020	-0.1	107	0.00
90	Hexachlorobutadiene	20.000	21.065	-5.3	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.695	1.5	104	0.00
92	1,2,3-Trichlorobenzene	20.000	20.036	-0.2	107	0.00

(#) = Out of Range

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