

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX050219\
 Data File : VX009265.D
 Acq On : 02 May 2019 09:50
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 03 07:15:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	20.075	-0.4	104	0.00
3 M	Chloromethane	20.000	19.911	0.4	104	0.00
4 M	Vinyl Chloride	20.000	19.423	2.9	100	0.00
5 M	Bromomethane	20.000	17.278	13.6	100	0.00
6 M	Chloroethane	20.000	18.276	8.6	92	0.00
7 M	Trichlorofluoromethane	20.000	19.905	0.5	104	0.00
8 T	Diethyl Ether	20.000	19.566	2.2	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.791	-4.0	108	0.00
10 M	1,1-Dichloroethene	20.000	19.901	0.5	103	0.00
11	Methyl Iodide	20.000	17.460	12.7	97	0.00
12	Methyl Acetate	20.000	18.385	8.1	98	0.00
13 M	Acrolein	100.000	84.878	15.1	95	0.00
14 M	Acrylonitrile	100.000	94.270	5.7	99	0.00
15 M	Acetone	100.000	98.166	1.8	100	0.00
16 M	Carbon Disulfide	20.000	19.502	2.5	102	0.00
17	Allyl chloride	20.000	19.426	2.9	102	0.00
18 M	Methylene Chloride	20.000	19.588	2.1	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.538	2.3	102	0.00
20 T	Diisopropyl ether	20.000	19.598	2.0	102	0.00
21 M	1,1-Dichloroethane	20.000	19.471	2.6	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.438	2.8	102	-0.01
23 M	tert-Butyl Alcohol	100.000	90.855	9.1	99	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.119	4.4	102	0.00
25 M	Chloroform	20.000	19.609	2.0	102	0.00
26	Cyclohexane	20.000	19.941	0.3	103	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.303	2.3	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	20.450	-2.2	104	0.00
30 M	2-Butanone	100.000	98.639	1.4	100	0.00
31	2,2-Dichloropropane	20.000	20.154	-0.8	103	0.00
32 M	1,1,1-Trichloroethane	20.000	19.985	0.1	105	0.00
33 M	Carbon Tetrachloride	20.000	19.951	0.2	103	0.00
34 M	Benzene	20.000	20.288	-1.4	102	0.00
35	Methacrylonitrile	20.000	20.013	-0.1	101	0.00
36 M	1,2-Dichloroethane	20.000	20.367	-1.8	103	0.00
37 M	Trichloroethene	20.000	20.206	-1.0	105	0.00
38	Methylcyclohexane	20.000	20.921	-4.6	107	0.00
39 M	1,2-Dichloropropane	20.000	20.119	-0.6	103	0.00
40	Dibromomethane	20.000	20.406	-2.0	104	0.00
41 M	Bromodichloromethane	20.000	19.918	0.4	104	0.00
42 M	Vinyl Acetate	100.000	100.392	-0.4	101	0.00
43	Ethyl Acetate	20.000	19.584	2.1	97	0.00
44	Isopropyl Acetate	20.000	19.155	4.2	100	0.00
45 T	1,4-Dioxane	400.000	384.963	3.8	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.090	4.6	98	0.00
47	n-amyl Acetate	20.000	18.917	5.4	100	0.00
48 M	t-1,3-Dichloropropene	20.000	19.376	3.1	103	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.699	1.5	103	0.00
50 M	1,1,2-Trichloroethane	20.000	19.759	1.2	100	0.00
51	Ethyl methacrylate	20.000	19.216	3.9	99	0.00
52	1,3-Dichloropropane	20.000	19.965	0.2	101	0.00
53 M	Dibromochloromethane	20.000	20.022	-0.1	105	0.00
54 M	1,2-Dibromoethane	20.000	19.718	1.4	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.088	-0.1	98	0.00
56 M	Bromoform	20.000	18.688	6.6	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.475	2.5	99	0.00
59 M	2-Hexanone	100.000	99.191	0.8	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.954	0.2	100	0.00
61 M	Tetrachloroethene	20.000	21.545	-7.7	109	0.00
62 M	Toluene	20.000	20.382	-1.9	102	0.00
63 S	Toluene-d8	30.000	30.738	-2.5	101	0.00
64 M	Chlorobenzene	20.000	20.355	-1.8	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.988	0.1	104	0.00
66 M	Ethyl Benzene	20.000	20.457	-2.3	104	0.00
67 M	m/p-Xylenes	40.000	41.294	-3.2	105	0.00
68 M	o-Xylene	20.000	20.340	-1.7	105	0.00
69 M	Styrene	20.000	20.336	-1.7	104	0.00
70	Isopropylbenzene	20.000	20.641	-3.2	105	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.661	1.7	102	0.00
72	1,2,3-Trichloropropane	20.000	20.583	-2.9	104	0.00
73	Bromobenzene	20.000	20.316	-1.6	103	0.00
74	n-propylbenzene	20.000	20.615	-3.1	106	0.00
75	2-Chlorotoluene	20.000	20.566	-2.8	105	0.00
76	1,3,5-Trimethylbenzene	20.000	20.758	-3.8	106	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.643	6.8	103	0.00
78	4-Chlorotoluene	20.000	20.424	-2.1	106	0.00
79	tert-butylbenzene	20.000	20.313	-1.6	104	0.00
80	1,2,4-Trimethylbenzene	20.000	20.555	-2.8	106	0.00
81	sec-Butylbenzene	20.000	20.705	-3.5	106	0.00
82	p-Isopropyltoluene	20.000	20.631	-3.2	106	0.00
83 M	1,3-Dichlorobenzene	20.000	20.213	-1.1	106	0.00
84 M	1,4-Dichlorobenzene	20.000	20.098	-0.5	107	0.00
85	n-Butylbenzene	20.000	20.680	-3.4	110	0.00
86 T	Hexachloroethane	20.000	19.175	4.1	99	0.00
87 M	1,2-Dichlorobenzene	20.000	20.306	-1.5	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.062	4.7	99	0.00
89	1,2,4-Trichlorobenzene	20.000	20.413	-2.1	110	0.00
90	Hexachlorobutadiene	20.000	20.528	-2.6	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.166	-0.8	104	0.00
92	1,2,3-Trichlorobenzene	20.000	20.699	-3.5	108	0.00

(#) = Out of Range

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