

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX021619\
 Data File : VX007560.D
 Acq On : 15 Feb 2019 11:09
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 16 03:55:39 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	123	0.00
2 M	Dichlorodifluoromethane	20.000	20.716	-3.6	128	0.00
3 M	Chloromethane	20.000	19.548	2.3	119	0.00
4 M	Vinyl Chloride	20.000	19.187	4.1	121	0.00
5 M	Bromomethane	20.000	20.366	-1.8	143	0.00
6 M	Chloroethane	20.000	18.462	7.7	121	0.00
7 M	Trichlorofluoromethane	20.000	20.128	-0.6	126	0.00
8 T	Diethyl Ether	20.000	18.835	5.8	119	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.813	-4.1	132	0.00
10 M	1,1-Dichloroethene	20.000	19.411	2.9	121	0.00
11	Methyl Iodide	20.000	16.166	19.2	106	0.00
12	Methyl Acetate	20.000	17.587	12.1	115	0.00
13 M	Acrolein	100.000	185.971	-86.0#	248	0.00
14 M	Acrylonitrile	100.000	92.203	7.8	115	0.00
15 M	Acetone	100.000	113.707	-13.7	141	0.00
16 M	Carbon Disulfide	20.000	19.499	2.5	125	0.00
17	Allyl chloride	20.000	19.540	2.3	126	0.00
18 M	Methylene Chloride	20.000	18.819	5.9	118	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.084	4.6	122	0.00
20 T	Diisopropyl ether	20.000	19.200	4.0	120	0.00
21 M	1,1-Dichloroethane	20.000	19.982	0.1	125	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.716	1.4	122	0.00
23 M	tert-Butyl Alcohol	100.000	93.299	6.7	118	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.711	6.4	118	0.00
25 M	Chloroform	20.000	19.211	3.9	121	0.00
26	Cyclohexane	20.000	20.504	-2.5	128	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.734	0.9	121	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	123	0.00
29	1,1-Dichloropropene	20.000	19.977	0.1	125	0.00
30 M	2-Butanone	100.000	102.392	-2.4	126	0.00
31	2,2-Dichloropropane	20.000	24.535	-22.7	155	0.00
32 M	1,1,1-Trichloroethane	20.000	19.459	2.7	122	0.00
33 M	Carbon Tetrachloride	20.000	19.547	2.3	127	0.00
34 M	Benzene	20.000	19.084	4.6	120	0.00
35	Methacrylonitrile	20.000	18.504	7.5	118	0.00
36 M	1,2-Dichloroethane	20.000	19.089	4.6	120	0.00
37 M	Trichloroethene	20.000	19.519	2.4	122	0.00
38	Methylcyclohexane	20.000	22.047	-10.2	140	0.00
39 M	1,2-Dichloropropane	20.000	19.361	3.2	122	0.00
40	Dibromomethane	20.000	18.787	6.1	115	0.00
41 M	Bromodichloromethane	20.000	18.777	6.1	121	0.00
42 M	Vinyl Acetate	100.000	98.668	1.3	122	0.00
43	Ethyl Acetate	20.000	19.247	3.8	119	0.00
44	Isopropyl Acetate	20.000	19.249	3.8	124	0.00
45 T	1,4-Dioxane	400.000	393.613	1.6	122	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.095	4.5	122	0.00
47	n-amyl Acetate	20.000	19.236	3.8	124	0.00
48 M	t-1,3-Dichloropropene	20.000	19.546	2.3	131	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.424	2.9	125	0.00
50 M	1,1,2-Trichloroethane	20.000	19.626	1.9	121	0.00
51	Ethyl methacrylate	20.000	18.866	5.7	118	0.00
52	1,3-Dichloropropane	20.000	19.003	5.0	117	0.00
53 M	Dibromochloromethane	20.000	18.887	5.6	124	0.00
54 M	1,2-Dibromoethane	20.000	19.050	4.7	119	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.077	-4.1	131	0.00
56 M	Bromoform	20.000	18.267	8.7	122	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	124	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.357	4.6	117	0.00
59 M	2-Hexanone	100.000	97.863	2.1	121	0.00
60 S	4-Bromofluorobenzene	30.000	29.759	0.8	122	0.00
61 M	Tetrachloroethene	20.000	20.190	-1.0	126	0.00
62 M	Toluene	20.000	19.260	3.7	121	0.00
63 S	Toluene-d8	30.000	29.524	1.6	121	0.00
64 M	Chlorobenzene	20.000	19.277	3.6	120	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.258	3.7	122	0.00
66 M	Ethyl Benzene	20.000	19.602	2.0	125	0.00
67 M	m/p-Xylenes	40.000	39.148	2.1	125	0.00
68 M	o-Xylene	20.000	19.241	3.8	123	0.00
69 M	Styrene	20.000	19.309	3.5	124	0.00
70	Isopropylbenzene	20.000	19.793	1.0	126	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.018	4.9	118	0.00
72	1,2,3-Trichloropropane	20.000	19.812	0.9	122	0.00
73	Bromobenzene	20.000	19.599	2.0	124	0.00
74	n-propylbenzene	20.000	20.266	-1.3	130	0.00
75	2-Chlorotoluene	20.000	19.719	1.4	126	0.00
76	1,3,5-Trimethylbenzene	20.000	20.014	-0.1	128	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.420	2.9	134	0.00
78	4-Chlorotoluene	20.000	19.645	1.8	128	0.00
79	tert-butylbenzene	20.000	20.301	-1.5	130	0.00
80	1,2,4-Trimethylbenzene	20.000	20.009	-0.0	127	0.00
81	sec-Butylbenzene	20.000	20.356	-1.8	130	0.00
82	p-Isopropyltoluene	20.000	20.301	-1.5	130	0.00
83 M	1,3-Dichlorobenzene	20.000	20.031	-0.2	127	0.00
84 M	1,4-Dichlorobenzene	20.000	19.757	1.2	125	0.00
85	n-Butylbenzene	20.000	20.744	-3.7	138	0.00
86 T	Hexachloroethane	20.000	20.022	-0.1	133	0.00
87 M	1,2-Dichlorobenzene	20.000	19.421	2.9	123	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.416	7.9	122	0.00
89	1,2,4-Trichlorobenzene	20.000	20.409	-2.0	134	0.00
90	Hexachlorobutadiene	20.000	21.317	-6.6	139	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.371	3.1	125	0.00
92	1,2,3-Trichlorobenzene	20.000	19.759	1.2	130	0.00

(#) = Out of Range

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