

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX032719\
 Data File : VX008470.D
 Acq On : 27 Mar 2019 09:33
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC

Quant Time: Apr 03 01:23:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	20.321	-1.6	94	0.00
3 M	Chloromethane	20.000	20.105	-0.5	92	0.00
4 M	Vinyl Chloride	20.000	19.898	0.5	93	0.00
5 M	Bromomethane	20.000	17.837	10.8	91	0.00
6 M	Chloroethane	20.000	18.432	7.8	91	0.00
7 M	Trichlorofluoromethane	20.000	20.488	-2.4	95	0.00
8 T	Diethyl Ether	20.000	19.922	0.4	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.621	-3.1	98	0.00
10 M	1,1-Dichloroethene	20.000	19.903	0.5	93	0.00
11	Methyl Iodide	20.000	17.061	14.7	88	0.00
12	Methyl Acetate	20.000	20.137	-0.7	94	0.00
13 M	Acrolein	100.000	67.428	32.6#	64	0.00
14 M	Acrylonitrile	100.000	95.322	4.7	90	0.00
15 M	Acetone	100.000	108.843	-8.8	92	0.00
16 M	Carbon Disulfide	20.000	19.534	2.3	93	0.00
17	Allyl chloride	20.000	19.345	3.3	93	0.00
18 M	Methylene Chloride	20.000	19.723	1.4	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.933	0.3	94	0.00
20 T	Diisopropyl ether	20.000	19.999	0.0	94	0.00
21 M	1,1-Dichloroethane	20.000	19.863	0.7	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.773	1.1	94	0.00
23 M	tert-Butyl Alcohol	100.000	93.199	6.8	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.887	0.6	93	0.00
25 M	Chloroform	20.000	19.959	0.2	93	0.00
26	Cyclohexane	20.000	20.504	-2.5	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.077	-0.3	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	20.139	-0.7	94	0.00
30 M	2-Butanone	100.000	100.902	-0.9	90	0.00
31	2,2-Dichloropropane	20.000	19.694	1.5	93	0.00
32 M	1,1,1-Trichloroethane	20.000	20.085	-0.4	94	0.00
33 M	Carbon Tetrachloride	20.000	19.846	0.8	94	0.00
34 M	Benzene	20.000	20.230	-1.2	93	0.00
35	Methacrylonitrile	20.000	19.351	3.2	92	0.00
36 M	1,2-Dichloroethane	20.000	20.114	-0.6	93	0.00
37 M	Trichloroethene	20.000	19.932	0.3	94	0.00
38	Methylcyclohexane	20.000	21.087	-5.4	99	0.00
39 M	1,2-Dichloropropane	20.000	19.767	1.2	92	0.00
40	Dibromomethane	20.000	19.765	1.2	93	0.00
41 M	Bromodichloromethane	20.000	19.592	2.0	92	0.00
42 M	Vinyl Acetate	100.000	100.110	-0.1	92	0.00
43	Ethyl Acetate	20.000	20.061	-0.3	91	0.00
44	Isopropyl Acetate	20.000	19.361	3.2	91	0.00
45 T	1,4-Dioxane	400.000	393.174	1.7	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.252	3.7	91	0.00
47	n-amyl Acetate	20.000	19.011	4.9	92	0.00
48 M	t-1,3-Dichloropropene	20.000	19.067	4.7	94	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.384	3.1	93	0.00
50 M	1,1,2-Trichloroethane	20.000	19.760	1.2	94	0.00
51	Ethyl methacrylate	20.000	19.265	3.7	93	0.00
52	1,3-Dichloropropane	20.000	19.838	0.8	92	0.00
53 M	Dibromochloromethane	20.000	19.020	4.9	92	0.00
54 M	1,2-Dibromoethane	20.000	20.000	0.0	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	64.746	35.3#	67	0.00
56 M	Bromoform	20.000	18.215	8.9	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.216	2.8	91	0.00
59 M	2-Hexanone	100.000	101.361	-1.4	91	0.00
60 S	4-Bromofluorobenzene	30.000	29.834	0.6	93	0.00
61 M	Tetrachloroethene	20.000	21.144	-5.7	98	0.00
62 M	Toluene	20.000	20.384	-1.9	94	0.00
63 S	Toluene-d8	30.000	30.258	-0.9	91	0.00
64 M	Chlorobenzene	20.000	20.235	-1.2	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.074	-0.4	96	0.00
66 M	Ethyl Benzene	20.000	20.170	-0.9	94	0.00
67 M	m/p-Xylenes	40.000	40.442	-1.1	95	0.00
68 M	o-Xylene	20.000	20.219	-1.1	95	0.00
69 M	Styrene	20.000	19.825	0.9	95	0.00
70	Isopropylbenzene	20.000	20.481	-2.4	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.471	2.6	91	0.00
72	1,2,3-Trichloropropane	20.000	20.161	-0.8	92	0.00
73	Bromobenzene	20.000	19.749	1.3	95	0.00
74	n-propylbenzene	20.000	20.475	-2.4	97	0.00
75	2-Chlorotoluene	20.000	20.270	-1.3	96	0.00
76	1,3,5-Trimethylbenzene	20.000	20.425	-2.1	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.641	11.8	91	0.00
78	4-Chlorotoluene	20.000	20.001	-0.0	97	0.00
79	tert-butylbenzene	20.000	20.639	-3.2	98	0.00
80	1,2,4-Trimethylbenzene	20.000	20.440	-2.2	97	0.00
81	sec-Butylbenzene	20.000	20.633	-3.2	98	0.00
82	p-Isopropyltoluene	20.000	20.639	-3.2	98	0.00
83 M	1,3-Dichlorobenzene	20.000	19.942	0.3	97	0.00
84 M	1,4-Dichlorobenzene	20.000	19.926	0.4	97	0.00
85	n-Butylbenzene	20.000	20.409	-2.0	100	0.00
86 T	Hexachloroethane	20.000	19.254	3.7	96	0.00
87 M	1,2-Dichlorobenzene	20.000	20.135	-0.7	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.932	5.3	89	0.00
89	1,2,4-Trichlorobenzene	20.000	20.057	-0.3	99	0.00
90	Hexachlorobutadiene	20.000	20.262	-1.3	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.578	-2.9	95	0.00
92	1,2,3-Trichlorobenzene	20.000	20.561	-2.8	97	0.00

(#) = Out of Range

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