

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX050319\
 Data File : VX009300.D
 Acq On : 03 May 2019 09:47
 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 04 03:04:18 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	110	0.00
2 M	Dichlorodifluoromethane	20.000	20.308	-1.5	112	0.00
3 M	Chloromethane	20.000	19.960	0.2	112	0.00
4 M	Vinyl Chloride	20.000	19.811	0.9	110	0.00
5 M	Bromomethane	20.000	18.563	7.2	115	0.00
6 M	Chloroethane	20.000	19.149	4.3	104	0.00
7 M	Trichlorofluoromethane	20.000	19.735	1.3	111	0.00
8 T	Diethyl Ether	20.000	19.452	2.7	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.330	-1.6	113	0.00
10 M	1,1-Dichloroethene	20.000	19.933	0.3	111	0.00
11	Methyl Iodide	20.000	17.573	12.1	105	0.00
12	Methyl Acetate	20.000	18.363	8.2	105	0.00
13 M	Acrolein	100.000	85.341	14.7	103	0.00
14 M	Acrylonitrile	100.000	95.214	4.8	107	0.00
15 M	Acetone	100.000	103.022	-3.0	112	0.00
16 M	Carbon Disulfide	20.000	19.356	3.2	108	0.00
17	Allyl chloride	20.000	19.334	3.3	109	0.00
18 M	Methylene Chloride	20.000	19.801	1.0	112	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.613	1.9	110	0.00
20 T	Diisopropyl ether	20.000	19.838	0.8	111	0.00
21 M	1,1-Dichloroethane	20.000	19.700	1.5	112	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.503	2.5	109	0.00
23 M	tert-Butyl Alcohol	100.000	89.182	10.8	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.554	2.2	112	0.00
25 M	Chloroform	20.000	19.826	0.9	111	0.00
26	Cyclohexane	20.000	20.092	-0.5	111	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.492	1.7	109	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	20.366	-1.8	112	0.00
30 M	2-Butanone	100.000	99.927	0.1	110	0.00
31	2,2-Dichloropropane	20.000	19.902	0.5	111	0.00
32 M	1,1,1-Trichloroethane	20.000	19.844	0.8	113	0.00
33 M	Carbon Tetrachloride	20.000	20.174	-0.9	113	0.00
34 M	Benzene	20.000	20.234	-1.2	111	0.00
35	Methacrylonitrile	20.000	19.463	2.7	107	-0.01
36 M	1,2-Dichloroethane	20.000	20.158	-0.8	111	0.00
37 M	Trichloroethene	20.000	20.341	-1.7	115	0.00
38	Methylcyclohexane	20.000	20.482	-2.4	114	0.00
39 M	1,2-Dichloropropane	20.000	20.473	-2.4	114	0.00
40	Dibromomethane	20.000	20.128	-0.6	112	0.00
41 M	Bromodichloromethane	20.000	19.711	1.4	111	0.00
42 M	Vinyl Acetate	100.000	100.668	-0.7	111	0.00
43	Ethyl Acetate	20.000	19.464	2.7	105	0.00
44	Isopropyl Acetate	20.000	19.212	3.9	109	0.00
45 T	1,4-Dioxane	400.000	386.503	3.4	108	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.566	2.2	110	0.00
47	n-amyl Acetate	20.000	19.472	2.6	111	0.00
48 M	t-1,3-Dichloropropene	20.000	19.055	4.7	110	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.576	2.1	111	0.00
50 M	1,1,2-Trichloroethane	20.000	20.191	-1.0	112	0.00
51	Ethyl methacrylate	20.000	19.452	2.7	109	0.00
52	1,3-Dichloropropane	20.000	20.051	-0.3	111	0.00
53 M	Dibromochloromethane	20.000	19.763	1.2	113	0.00
54 M	1,2-Dibromoethane	20.000	19.656	1.7	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	112.506	-12.5	120	0.00
56 M	Bromoform	20.000	19.114	4.4	113	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.842	2.2	108	0.00
59 M	2-Hexanone	100.000	100.929	-0.9	111	0.00
60 S	4-Bromofluorobenzene	30.000	30.312	-1.0	110	0.00
61 M	Tetrachloroethene	20.000	21.483	-7.4	118	0.00
62 M	Toluene	20.000	20.497	-2.5	112	0.00
63 S	Toluene-d8	30.000	30.118	-0.4	108	0.00
64 M	Chlorobenzene	20.000	20.261	-1.3	113	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.208	-1.0	114	0.00
66 M	Ethyl Benzene	20.000	20.343	-1.7	112	0.00
67 M	m/p-Xylenes	40.000	41.321	-3.3	115	0.00
68 M	o-Xylene	20.000	20.528	-2.6	115	0.00
69 M	Styrene	20.000	20.285	-1.4	114	0.00
70	Isopropylbenzene	20.000	20.605	-3.0	114	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.805	1.0	112	0.00
72	1,2,3-Trichloropropane	20.000	20.354	-1.8	112	0.00
73	Bromobenzene	20.000	20.087	-0.4	112	0.00
74	n-propylbenzene	20.000	20.621	-3.1	115	0.00
75	2-Chlorotoluene	20.000	20.730	-3.7	115	0.00
76	1,3,5-Trimethylbenzene	20.000	20.793	-4.0	116	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.369	8.2	111	0.00
78	4-Chlorotoluene	20.000	20.680	-3.4	117	0.00
79	tert-butylbenzene	20.000	20.450	-2.2	114	0.00
80	1,2,4-Trimethylbenzene	20.000	20.774	-3.9	116	0.00
81	sec-Butylbenzene	20.000	20.733	-3.7	116	0.00
82	p-Isopropyltoluene	20.000	20.745	-3.7	117	0.00
83 M	1,3-Dichlorobenzene	20.000	20.547	-2.7	118	0.00
84 M	1,4-Dichlorobenzene	20.000	20.316	-1.6	118	0.00
85	n-Butylbenzene	20.000	20.712	-3.6	120	0.00
86 T	Hexachloroethane	20.000	19.682	1.6	111	0.00
87 M	1,2-Dichlorobenzene	20.000	20.508	-2.5	116	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.031	4.8	108	0.00
89	1,2,4-Trichlorobenzene	20.000	20.853	-4.3	122	0.00
90	Hexachlorobutadiene	20.000	21.414	-7.1	124	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	20.068	-0.3	113	0.00
92	1,2,3-Trichlorobenzene	20.000	20.572	-2.9	117	0.00

(#) = Out of Range

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