

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020520\
 Data File : VX014812.D
 Acq On : 05 Feb 2020 10:35
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 06 03:37:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 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	105	0.00
2 M	Dichlorodifluoromethane	20.000	22.041	-10.2	115	0.00
3 M	Chloromethane	20.000	19.708	1.5	103	0.00
4 M	Vinyl Chloride	20.000	20.972	-4.9	111	0.00
5 M	Bromomethane	20.000	19.517	2.4	123	0.00
6 M	Chloroethane	20.000	20.624	-3.1	108	0.02
7 M	Trichlorofluoromethane	20.000	22.086	-10.4	122	0.00
8 T	Diethyl Ether	20.000	21.024	-5.1	118	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.059	-10.3	120	0.00
10 M	1,1-Dichloroethene	20.000	20.716	-3.6	116	0.00
11	Methyl Iodide	20.000	20.656	-3.3	118	0.00
12	Methyl Acetate	20.000	21.622	-8.1	116	0.00
13 M	Acrolein	100.000	92.177	7.8	101	0.00
14 M	Acrylonitrile	100.000	101.837	-1.8	109	0.00
15 M	Acetone	100.000	115.422	-15.4	119	0.00
16 M	Carbon Disulfide	20.000	20.244	-1.2	114	0.00
17	Allyl chloride	20.000	20.015	-0.1	112	0.00
18 M	Methylene Chloride	20.000	20.535	-2.7	112	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.033	-5.2	117	0.00
20 T	Diisopropyl ether	20.000	20.970	-4.8	115	0.00
21 M	1,1-Dichloroethane	20.000	20.739	-3.7	114	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.077	-5.4	118	0.00
23 M	tert-Butyl Alcohol	100.000	103.441	-3.4	116	-0.03
24 M	Methyl tert-Butyl Ether	20.000	21.546	-7.7	119	0.00
25 M	Chloroform	20.000	21.563	-7.8	119	0.00
26	Cyclohexane	20.000	20.420	-2.1	113	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.346	-4.5	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	21.295	-6.5	120	0.00
30 M	2-Butanone	100.000	110.665	-10.7	120	-0.01
31	2,2-Dichloropropane	20.000	21.852	-9.3	124	0.00
32 M	1,1,1-Trichloroethane	20.000	21.414	-7.1	122	0.00
33 M	Carbon Tetrachloride	20.000	21.809	-9.0	125	0.00
34 M	Benzene	20.000	20.826	-4.1	115	0.00
35	Methacrylonitrile	20.000	20.123	-0.6	111	0.00
36 M	1,2-Dichloroethane	20.000	21.369	-6.8	118	0.00
37 M	Trichloroethene	20.000	21.132	-5.7	117	0.00
38	Methylcyclohexane	20.000	21.202	-6.0	119	0.00
39 M	1,2-Dichloropropane	20.000	20.523	-2.6	114	0.00
40	Dibromomethane	20.000	20.946	-4.7	118	0.00
41 M	Bromodichloromethane	20.000	21.530	-7.7	123	0.00
42 M	Vinyl Acetate	100.000	105.115	-5.1	118	0.00
43	Ethyl Acetate	20.000	20.663	-3.3	112	-0.01
44	Isopropyl Acetate	20.000	20.534	-2.7	115	0.00
45 T	1,4-Dioxane	400.000	416.201	-4.1	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.694	-3.5	117	0.00
47	n-amyl Acetate	20.000	20.195	-1.0	120	0.00
48 M	t-1,3-Dichloropropene	20.000	21.169	-5.8	122	0.00
49 T	cis-1,3-Dichloropropene	20.000	21.127	-5.6	121	0.00
50 M	1,1,2-Trichloroethane	20.000	21.398	-7.0	118	0.00
51	Ethyl methacrylate	20.000	20.356	-1.8	120	0.00
52	1,3-Dichloropropane	20.000	21.074	-5.4	118	0.00
53 M	Dibromochloromethane	20.000	21.911	-9.6	127	0.00
54 M	1,2-Dibromoethane	20.000	21.446	-7.2	119	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.372	2.6	111	0.00
56 M	Bromoform	20.000	21.262	-6.3	124	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.649	-5.6	115	0.00
59 M	2-Hexanone	100.000	111.853	-11.9	121	0.00
60 S	4-Bromofluorobenzene	30.000	29.793	0.7	107	0.00
61 M	Tetrachloroethene	20.000	21.534	-7.7	118	0.00
62 M	Toluene	20.000	21.334	-6.7	118	0.00
63 S	Toluene-d8	30.000	30.153	-0.5	107	0.00
64 M	Chlorobenzene	20.000	21.573	-7.9	120	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.880	-9.4	121	0.00
66 M	Ethyl Benzene	20.000	21.152	-5.8	118	0.00
67 M	m/p-Xylenes	40.000	43.200	-8.0	120	0.00
68 M	o-Xylene	20.000	20.890	-4.5	117	0.00
69 M	Styrene	20.000	21.377	-6.9	121	0.00
70	Isopropylbenzene	20.000	21.744	-8.7	122	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.728	-3.6	115	0.00
72	1,2,3-Trichloropropane	20.000	21.780	-8.9	122	0.00
73	Bromobenzene	20.000	21.598	-8.0	122	0.00
74	n-propylbenzene	20.000	21.886	-9.4	125	0.00
75	2-Chlorotoluene	20.000	21.637	-8.2	122	0.00
76	1,3,5-Trimethylbenzene	20.000	21.589	-7.9	122	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.003	-0.0	121	0.00
78	4-Chlorotoluene	20.000	21.469	-7.3	122	0.00
79	tert-butylbenzene	20.000	21.992	-10.0	125	0.00
80	1,2,4-Trimethylbenzene	20.000	21.788	-8.9	122	0.00
81	sec-Butylbenzene	20.000	21.747	-8.7	125	0.00
82	p-Isopropyltoluene	20.000	21.842	-9.2	124	0.00
83 M	1,3-Dichlorobenzene	20.000	21.896	-9.5	124	0.00
84 M	1,4-Dichlorobenzene	20.000	21.738	-8.7	126	0.00
85	n-Butylbenzene	20.000	21.185	-5.9	126	0.00
86 T	Hexachloroethane	20.000	21.449	-7.2	127	0.00
87 M	1,2-Dichlorobenzene	20.000	21.555	-7.8	122	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.710	-3.6	118	0.00
89	1,2,4-Trichlorobenzene	20.000	21.624	-8.1	127	0.00
90	Hexachlorobutadiene	20.000	22.140	-10.7	129	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	21.492	-7.5	123	0.00
92	1,2,3-Trichlorobenzene	20.000	21.656	-8.3	126	0.00

(#) = Out of Range

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