

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX032620\
 Data File : VX015353.D
 Acq On : 26 Mar 2020 11:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 27 07:58:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 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	130	-0.01
2 M	Dichlorodifluoromethane	20.000	19.177	4.1	135	0.00
3 M	Chloromethane	20.000	19.045	4.8	139	0.00
4 M	Vinyl Chloride	20.000	20.068	-0.3	142	0.00
5 M	Bromomethane	20.000	24.770	-23.8	139	0.00
6 M	Chloroethane	20.000	20.424	-2.1	140	0.00
7 M	Trichlorofluoromethane	20.000	20.512	-2.6	141	0.00
8 T	Diethyl Ether	20.000	21.033	-5.2	148	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.151	-5.8	145	0.00
10 M	1,1-Dichloroethene	20.000	20.146	-0.7	138	0.00
11	Methyl Iodide	20.000	20.813	-4.1	153	0.00
12	Methyl Acetate	20.000	20.079	-0.4	137	0.00
13 M	Acrolein	100.000	90.611	9.4	122	0.00
14 M	Acrylonitrile	100.000	100.063	-0.1	135	0.00
15 M	Acetone	100.000	114.839	-14.8	153	0.00
16 M	Carbon Disulfide	20.000	20.497	-2.5	141	0.00
17	Allyl chloride	20.000	19.988	0.1	137	0.00
18 M	Methylene Chloride	20.000	20.190	-1.0	139	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.330	-1.6	139	0.00
20 T	Diisopropyl ether	20.000	20.184	-0.9	136	0.00
21 M	1,1-Dichloroethane	20.000	19.960	0.2	136	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.213	-1.1	140	0.00
23 M	tert-Butyl Alcohol	100.000	102.341	-2.3	136	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.342	-1.7	138	0.00
25 M	Chloroform	20.000	20.177	-0.9	139	0.00
26	Cyclohexane	20.000	20.038	-0.2	138	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.420	1.9	126	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	131	-0.01
29	1,1-Dichloropropene	20.000	20.169	-0.8	139	0.00
30 M	2-Butanone	100.000	103.501	-3.5	140	0.00
31	2,2-Dichloropropane	20.000	21.239	-6.2	144	0.00
32 M	1,1,1-Trichloroethane	20.000	20.220	-1.1	138	0.00
33 M	Carbon Tetrachloride	20.000	20.202	-1.0	138	0.00
34 M	Benzene	20.000	20.024	-0.1	136	0.00
35	Methacrylonitrile	20.000	19.512	2.4	133	0.00
36 M	1,2-Dichloroethane	20.000	19.999	0.0	133	0.00
37 M	Trichloroethene	20.000	20.644	-3.2	141	0.00
38	Methylcyclohexane	20.000	20.689	-3.4	141	0.00
39 M	1,2-Dichloropropane	20.000	19.953	0.2	136	0.00
40	Dibromomethane	20.000	19.712	1.4	136	0.00
41 M	Bromodichloromethane	20.000	19.738	1.3	136	0.00
42 M	Vinyl Acetate	100.000	104.064	-4.1	136	0.00
43	Ethyl Acetate	20.000	18.638	6.8	137	0.00
44	Isopropyl Acetate	20.000	19.722	1.4	134	0.00
45 T	1,4-Dioxane	400.000	421.159	-5.3	140	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.750	1.3	135	0.00
47	n-amyl Acetate	20.000	19.584	2.1	136	0.00
48 M	t-1,3-Dichloropropene	20.000	20.084	-0.4	139	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.362	-1.8	140	0.00
50 M	1,1,2-Trichloroethane	20.000	20.009	-0.0	137	0.00
51	Ethyl methacrylate	20.000	19.748	1.3	137	0.00
52	1,3-Dichloropropane	20.000	20.181	-0.9	137	0.00
53 M	Dibromochloromethane	20.000	20.511	-2.6	142	0.00
54 M	1,2-Dibromoethane	20.000	20.397	-2.0	139	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.281	-0.3	133	0.00
56 M	Bromoform	20.000	20.938	-4.7	147	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	134	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.270	-1.3	134	0.00
59 M	2-Hexanone	100.000	104.270	-4.3	139	0.00
60 S	4-Bromofluorobenzene	30.000	29.931	0.2	132	0.00
61 M	Tetrachloroethene	20.000	21.440	-7.2	148	0.00
62 M	Toluene	20.000	20.320	-1.6	140	0.00
63 S	Toluene-d8	30.000	29.853	0.5	130	0.00
64 M	Chlorobenzene	20.000	20.315	-1.6	143	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.214	-1.1	143	0.00
66 M	Ethyl Benzene	20.000	20.596	-3.0	141	0.00
67 M	m/p-Xylenes	40.000	41.051	-2.6	142	0.00
68 M	o-Xylene	20.000	20.618	-3.1	143	0.00
69 M	Styrene	20.000	20.450	-2.2	141	0.00
70	Isopropylbenzene	20.000	20.832	-4.2	143	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.544	2.3	137	0.00
72	1,2,3-Trichloropropane	20.000	17.220	13.9	118	0.00
73	Bromobenzene	20.000	20.746	-3.7	148	0.00
74	n-propylbenzene	20.000	20.946	-4.7	143	0.00
75	2-Chlorotoluene	20.000	20.461	-2.3	140	0.00
76	1,3,5-Trimethylbenzene	20.000	20.814	-4.1	143	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.396	3.0	136	0.00
78	4-Chlorotoluene	20.000	20.603	-3.0	141	0.00
79	tert-butylbenzene	20.000	20.925	-4.6	145	0.00
80	1,2,4-Trimethylbenzene	20.000	20.776	-3.9	142	0.00
81	sec-Butylbenzene	20.000	20.998	-5.0	144	0.00
82	p-Isopropyltoluene	20.000	21.001	-5.0	147	0.00
83 M	1,3-Dichlorobenzene	20.000	20.709	-3.5	148	0.00
84 M	1,4-Dichlorobenzene	20.000	20.767	-3.8	147	0.00
85	n-Butylbenzene	20.000	21.016	-5.1	146	0.00
86 T	Hexachloroethane	20.000	20.198	-1.0	146	0.00
87 M	1,2-Dichlorobenzene	20.000	20.626	-3.1	146	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.926	5.4	131	0.00
89	1,2,4-Trichlorobenzene	20.000	20.800	-4.0	154	0.00
90	Hexachlorobutadiene	20.000	22.806	-14.0	174	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.348	-1.7	140	0.00
92	1,2,3-Trichlorobenzene	20.000	20.656	-3.3	151	0.00

(#) = Out of Range

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