

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020320\
 Data File : VX014791.D
 Acq On : 03 Feb 2020 12:28
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 03 14:23:11 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	20.360	-1.8	95	0.00
3 M	Chloromethane	20.000	20.332	-1.7	95	0.00
4 M	Vinyl Chloride	20.000	20.151	-0.8	95	0.00
5 M	Bromomethane	20.000	18.398	8.0	104	0.00
6 M	Chloroethane	20.000	19.569	2.2	91	0.02
7 M	Trichlorofluoromethane	20.000	20.278	-1.4	100	0.01
8 T	Diethyl Ether	20.000	20.493	-2.5	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.860	-4.3	101	0.01
10 M	1,1-Dichloroethene	20.000	19.994	0.0	100	0.00
11	Methyl Iodide	20.000	20.700	-3.5	106	0.00
12	Methyl Acetate	20.000	21.082	-5.4	101	0.00
13 M	Acrolein	100.000	94.259	5.7	92	0.00
14 M	Acrylonitrile	100.000	98.329	1.7	94	0.00
15 M	Acetone	100.000	80.492	19.5	74	0.00
16 M	Carbon Disulfide	20.000	18.804	6.0	95	0.00
17	Allyl chloride	20.000	19.553	2.2	98	0.00
18 M	Methylene Chloride	20.000	20.337	-1.7	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.746	1.3	98	0.00
20 T	Diisopropyl ether	20.000	20.476	-2.4	100	0.00
21 M	1,1-Dichloroethane	20.000	19.964	0.2	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.429	-2.1	102	0.00
23 M	tert-Butyl Alcohol	100.000	91.744	8.3	92	-0.02
24 M	Methyl tert-Butyl Ether	20.000	20.626	-3.1	102	0.00
25 M	Chloroform	20.000	20.436	-2.2	101	0.00
26	Cyclohexane	20.000	19.113	4.4	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.705	-5.7	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	19.948	0.3	101	0.00
30 M	2-Butanone	100.000	91.490	8.5	89	0.00
31	2,2-Dichloropropane	20.000	20.627	-3.1	106	0.00
32 M	1,1,1-Trichloroethane	20.000	19.878	0.6	102	0.00
33 M	Carbon Tetrachloride	20.000	19.778	1.1	102	0.00
34 M	Benzene	20.000	19.763	1.2	98	0.00
35	Methacrylonitrile	20.000	18.683	6.6	93	0.00
36 M	1,2-Dichloroethane	20.000	20.240	-1.2	100	0.00
37 M	Trichloroethene	20.000	19.178	4.1	96	0.00
38	Methylcyclohexane	20.000	19.241	3.8	97	0.00
39 M	1,2-Dichloropropane	20.000	19.845	0.8	100	0.00
40	Dibromomethane	20.000	19.702	1.5	100	0.00
41 M	Bromodichloromethane	20.000	19.845	0.8	102	0.00
42 M	Vinyl Acetate	100.000	101.335	-1.3	102	0.00
43	Ethyl Acetate	20.000	18.894	5.5	92	0.00
44	Isopropyl Acetate	20.000	19.523	2.4	99	0.00
45 T	1,4-Dioxane	400.000	357.267	10.7	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.462	2.7	99	0.00
47	n-amyl Acetate	20.000	20.594	-3.0	111	0.00
48 M	t-1,3-Dichloropropene	20.000	20.166	-0.8	105	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.962	0.2	103	0.00
50 M	1,1,2-Trichloroethane	20.000	19.666	1.7	98	0.00
51	Ethyl methacrylate	20.000	19.292	3.5	102	0.00
52	1,3-Dichloropropane	20.000	19.785	1.1	100	0.00
53 M	Dibromochloromethane	20.000	19.904	0.5	104	0.00
54 M	1,2-Dibromoethane	20.000	19.953	0.2	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.072	5.9	96	0.00
56 M	Bromoform	20.000	19.247	3.8	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.193	1.8	97	0.00
59 M	2-Hexanone	100.000	94.585	5.4	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.694	1.0	97	0.00
61 M	Tetrachloroethene	20.000	18.150	9.3	90	0.00
62 M	Toluene	20.000	19.902	0.5	100	0.00
63 S	Toluene-d8	30.000	30.442	-1.5	98	0.00
64 M	Chlorobenzene	20.000	19.938	0.3	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.380	-1.9	102	0.00
66 M	Ethyl Benzene	20.000	19.703	1.5	100	0.00
67 M	m/p-Xylenes	40.000	38.999	2.5	99	0.00
68 M	o-Xylene	20.000	19.616	1.9	100	0.00
69 M	Styrene	20.000	19.493	2.5	100	0.00
70	Isopropylbenzene	20.000	19.904	0.5	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.291	-1.5	102	0.00
72	1,2,3-Trichloropropane	20.000	22.831	-14.2	116	0.00
73	Bromobenzene	20.000	20.058	-0.3	102	0.00
74	n-propylbenzene	20.000	19.809	1.0	102	0.00
75	2-Chlorotoluene	20.000	19.752	1.2	101	0.00
76	1,3,5-Trimethylbenzene	20.000	19.653	1.7	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.960	5.2	104	0.00
78	4-Chlorotoluene	20.000	19.727	1.4	102	0.00
79	tert-butylbenzene	20.000	20.028	-0.1	104	0.00
80	1,2,4-Trimethylbenzene	20.000	19.773	1.1	100	0.00
81	sec-Butylbenzene	20.000	19.846	0.8	103	0.00
82	p-Isopropyltoluene	20.000	19.703	1.5	101	0.00
83 M	1,3-Dichlorobenzene	20.000	19.430	2.9	100	0.00
84 M	1,4-Dichlorobenzene	20.000	19.872	0.6	105	0.00
85	n-Butylbenzene	20.000	18.901	5.5	102	0.00
86 T	Hexachloroethane	20.000	19.713	1.4	106	0.00
87 M	1,2-Dichlorobenzene	20.000	19.655	1.7	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.622	1.9	102	0.00
89	1,2,4-Trichlorobenzene	20.000	19.537	2.3	104	0.00
90	Hexachlorobutadiene	20.000	19.493	2.5	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.370	3.1	101	0.00
92	1,2,3-Trichlorobenzene	20.000	19.227	3.9	102	0.00

(#) = Out of Range

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