

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX021022\
 Data File : WX026912.D
 Acq On : 10 Feb 2022 11:28
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 11 03:39:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	75	0.00
2 M	Dichlorodifluoromethane	20.000	21.019	-5.1	66	0.00
3 M	Chloromethane	20.000	21.761	-8.8	71	0.00
4 M	Vinyl Chloride	20.000	20.373	-1.9	67	0.00
5 M	Bromomethane	20.000	20.976	-4.9	67	0.00
6 M	Chloroethane	20.000	21.564	-7.8	69	0.00
7 M	Trichlorofluoromethane	20.000	19.582	2.1	64	0.00
8 T	Diethyl Ether	20.000	19.972	0.1	67	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.700	-3.5	67	0.00
10 M	1,1-Dichloroethene	20.000	21.211	-6.1	71	0.00
11	Methyl Iodide	20.000	23.850	-19.3	87	0.00
12	Methyl Acetate	20.000	22.923	-14.6	77	0.00
13 M	Acrolein	100.000	113.920	-13.9	95	0.00
14 M	Acrylonitrile	100.000	117.156	-17.2	79	0.00
15 M	Acetone	100.000	152.137	-52.1#	94	0.00
16 M	Carbon Disulfide	20.000	19.440	2.8	66	0.00
17	Allyl chloride	20.000	20.151	-0.8	69	0.00
18 M	Methylene Chloride	20.000	21.509	-7.5	72	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.783	-3.9	70	0.00
20 T	Diisopropyl ether	20.000	20.589	-2.9	68	0.00
21 M	1,1-Dichloroethane	20.000	20.543	-2.7	69	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.100	-5.5	72	0.00
23 M	tert-Butyl Alcohol	100.000	99.361	0.6	72	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.754	1.2	66	0.00
25 M	Chloroform	20.000	20.484	-2.4	68	0.00
26	Cyclohexane	20.000	20.421	-2.1	67	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.892	7.0	68	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	74	0.00
29	1,1-Dichloropropene	20.000	20.091	-0.5	69	0.00
30 M	2-Butanone	100.000	121.312	-21.3	80	0.00
31	2,2-Dichloropropane	20.000	18.785	6.1	65	0.00
32 M	1,1,1-Trichloroethane	20.000	19.266	3.7	65	0.00
33 M	Carbon Tetrachloride	20.000	19.358	3.2	66	0.00
34 M	Benzene	20.000	21.265	-6.3	72	0.00
35	Methacrylonitrile	20.000	21.627	-8.1	73	-0.01
36 M	1,2-Dichloroethane	20.000	19.525	2.4	66	0.00
37 M	Trichloroethene	20.000	21.464	-7.3	73	0.00
38	Methylcyclohexane	20.000	20.533	-2.7	68	0.00
39 M	1,2-Dichloropropane	20.000	21.395	-7.0	72	0.00
40	Dibromomethane	20.000	21.182	-5.9	72	0.00
41 M	Bromodichloromethane	20.000	20.215	-1.1	68	0.00
42 M	Vinyl Acetate	100.000	101.963	-2.0	69	0.00
43	Ethyl Acetate	20.000	21.765	-8.8	74	0.00
44	Isopropyl Acetate	20.000	20.063	-0.3	68	0.00
45 T	1,4-Dioxane	400.000	430.402	-7.6	73	-0.01
46	Methyl methacrylate	20.000	20.283	-1.4	68	0.00
47	n-amyl Acetate	20.000	21.400	-7.0	72	0.00
48 M	t-1,3-Dichloropropene	20.000	19.989	0.1	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.254	-1.3	69	0.00
50 M	1,1,2-Trichloroethane	20.000	22.169	-10.8	74	0.00
51	Ethyl methacrylate	20.000	21.198	-6.0	71	0.00
52	1,3-Dichloropropane	20.000	21.758	-8.8	73	0.00
53 M	Dibromochloromethane	20.000	21.007	-5.0	70	0.00
54 M	1,2-Dibromoethane	20.000	22.181	-10.9	75	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.400	4.6	68	0.00
56 M	Bromoform	20.000	21.481	-7.4	75	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.411	-9.4	76	0.00
59 M	2-Hexanone	100.000	110.544	-10.5	75	0.00
60 S	4-Bromofluorobenzene	30.000	29.423	1.9	78	0.00
61 M	Tetrachloroethene	20.000	21.294	-6.5	75	0.00
62 M	Toluene	20.000	20.371	-1.9	73	0.00
63 S	Toluene-d8	30.000	28.911	3.6	76	0.00
64 M	Chlorobenzene	20.000	21.094	-5.5	75	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.604	-3.0	74	0.00
66 M	Ethyl Benzene	20.000	20.771	-3.9	74	0.00
67 M	m/p-Xylenes	40.000	42.746	-6.9	76	0.00
68 M	o-Xylene	20.000	21.460	-7.3	76	0.00
69 M	Styrene	20.000	21.451	-7.3	78	0.00
70	Isopropylbenzene	20.000	21.376	-6.9	76	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.764	-3.8	75	0.00
72	1,2,3-Trichloropropane	20.000	21.576	-7.9	77	0.00
73	Bromobenzene	20.000	21.666	-8.3	77	0.00
74	n-propylbenzene	20.000	21.005	-5.0	75	0.00
75	2-Chlorotoluene	20.000	21.210	-6.1	76	0.00
76	1,3,5-Trimethylbenzene	20.000	21.309	-6.5	76	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.759	6.2	74	0.00
78	4-Chlorotoluene	20.000	20.972	-4.9	75	0.00
79	tert-butylbenzene	20.000	21.085	-5.4	75	0.00
80	1,2,4-Trimethylbenzene	20.000	21.125	-5.6	75	0.00
81	sec-Butylbenzene	20.000	21.400	-7.0	76	0.00
82	p-Isopropyltoluene	20.000	21.212	-6.1	75	0.00
83 M	1,3-Dichlorobenzene	20.000	21.544	-7.7	79	0.00
84 M	1,4-Dichlorobenzene	20.000	21.600	-8.0	79	0.00
85	n-Butylbenzene	20.000	20.641	-3.2	75	0.00
86 T	Hexachloroethane	20.000	20.146	-0.7	75	0.00
87 M	1,2-Dichlorobenzene	20.000	21.510	-7.6	77	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.868	5.7	70	0.00
89	1,2,4-Trichlorobenzene	20.000	20.501	-2.5	78	0.00
90	Hexachlorobutadiene	20.000	20.330	-1.6	74	0.00
91 M	Naphthalene	20.000	20.596	-3.0	77	0.00
92	1,2,3-Trichlorobenzene	20.000	20.790	-3.9	77	0.00

(#) = Out of Range

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