

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX110421\
 Data File : VX025068.D
 Acq On : 03 Nov 2021 23:36
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 04 00:10:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 03 23:52:56 2021
 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	107	0.00
2 M	Dichlorodifluoromethane	20.000	20.620	-3.1	105	0.00
3 M	Chloromethane	20.000	18.877	5.6	90	0.00
4 M	Vinyl Chloride	20.000	19.642	1.8	101	0.00
5 M	Bromomethane	20.000	18.996	5.0	90	0.00
6 M	Chloroethane	20.000	20.453	-2.3	96	0.00
7 M	Trichlorofluoromethane	20.000	20.209	-1.0	103	0.00
8 T	Diethyl Ether	20.000	20.202	-1.0	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.210	-1.1	108	0.00
10 M	1,1-Dichloroethene	20.000	19.804	1.0	101	0.00
11	Methyl Iodide	20.000	21.878	-9.4	142	0.00
12	Methyl Acetate	20.000	19.670	1.6	100	0.00
13 M	Acrolein	100.000	93.133	6.9	108	0.00
14 M	Acrylonitrile	100.000	95.149	4.9	95	0.00
15 M	Acetone	100.000	85.070	14.9	83	0.00
16 M	Carbon Disulfide	20.000	20.117	-0.6	106	0.00
17	Allyl chloride	20.000	19.594	2.0	102	0.00
18 M	Methylene Chloride	20.000	19.932	0.3	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.902	0.5	102	0.00
20 T	Diisopropyl ether	20.000	20.389	-1.9	102	0.00
21 M	1,1-Dichloroethane	20.000	20.659	-3.3	104	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.395	-2.0	105	0.00
23 M	tert-Butyl Alcohol	100.000	89.835	10.2	87	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.658	-3.3	104	0.00
25 M	Chloroform	20.000	20.305	-1.5	101	0.00
26	Cyclohexane	20.000	20.041	-0.2	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.652	1.2	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	20.236	-1.2	101	0.01
30 M	2-Butanone	100.000	102.786	-2.8	102	0.00
31	2,2-Dichloropropane	20.000	19.072	4.6	96	0.00
32 M	1,1,1-Trichloroethane	20.000	19.879	0.6	104	0.00
33 M	Carbon Tetrachloride	20.000	20.273	-1.4	107	0.00
34 M	Benzene	20.000	20.083	-0.4	103	0.00
35	Methacrylonitrile	20.000	18.882	5.6	97	-0.07
36 M	1,2-Dichloroethane	20.000	19.739	1.3	101	0.00
37 M	Trichloroethene	20.000	20.779	-3.9	113	0.00
38	Methylcyclohexane	20.000	20.314	-1.6	105	0.00
39 M	1,2-Dichloropropane	20.000	20.228	-1.1	110	0.00
40	Dibromomethane	20.000	20.521	-2.6	108	0.00
41 M	Bromodichloromethane	20.000	19.912	0.4	105	0.00
42 M	Vinyl Acetate	100.000	100.520	-0.5	102	0.00
43	Ethyl Acetate	20.000	20.287	-1.4	102	0.00
44	Isopropyl Acetate	20.000	19.893	0.5	105	0.00
45 T	1,4-Dioxane	400.000	397.014	0.7	101	0.00
46	Methyl methacrylate	20.000	19.514	2.4	100	0.00
47	n-amyl Acetate	20.000	19.591	2.0	103	0.00
48 M	t-1,3-Dichloropropene	20.000	19.434	2.8	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.955	5.2	100	0.00
50 M	1,1,2-Trichloroethane	20.000	20.652	-3.3	109	0.00
51	Ethyl methacrylate	20.000	22.206	-11.0	118	0.00
52	1,3-Dichloropropane	20.000	20.305	-1.5	104	0.00
53 M	Dibromochloromethane	20.000	20.069	-0.3	108	0.00
54 M	1,2-Dibromoethane	20.000	19.426	2.9	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	81.374	18.6	89	0.00
56 M	Bromoform	20.000	20.129	-0.6	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.426	-2.4	100	0.00
59 M	2-Hexanone	100.000	101.446	-1.4	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.970	0.1	105	0.00
61 M	Tetrachloroethene	20.000	19.805	1.0	102	0.00
62 M	Toluene	20.000	20.900	-4.5	105	0.00
63 S	Toluene-d8	30.000	30.166	-0.6	106	0.00
64 M	Chlorobenzene	20.000	20.750	-3.8	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.969	-4.8	104	0.00
66 M	Ethyl Benzene	20.000	20.538	-2.7	102	0.00
67 M	m/p-Xylenes	40.000	42.225	-5.6	108	0.00
68 M	o-Xylene	20.000	21.461	-7.3	107	0.00
69 M	Styrene	20.000	20.891	-4.5	108	0.00
70	Isopropylbenzene	20.000	20.494	-2.5	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.677	-3.4	103	0.00
72	1,2,3-Trichloropropane	20.000	20.122	-0.6	100	0.00
73	Bromobenzene	20.000	21.630	-8.1	112	0.00
74	n-propylbenzene	20.000	20.830	-4.1	104	0.00
75	2-Chlorotoluene	20.000	20.590	-2.9	104	0.00
76	1,3,5-Trimethylbenzene	20.000	20.619	-3.1	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.475	-2.4	109	0.00
78	4-Chlorotoluene	20.000	20.629	-3.1	103	0.00
79	tert-butylbenzene	20.000	21.543	-7.7	107	0.00
80	1,2,4-Trimethylbenzene	20.000	20.943	-4.7	103	0.00
81	sec-Butylbenzene	20.000	20.703	-3.5	103	0.00
82	p-Isopropyltoluene	20.000	20.806	-4.0	104	0.00
83 M	1,3-Dichlorobenzene	20.000	20.934	-4.7	108	0.00
84 M	1,4-Dichlorobenzene	20.000	21.195	-6.0	110	0.00
85	n-Butylbenzene	20.000	20.905	-4.5	107	0.00
86 T	Hexachloroethane	20.000	20.310	-1.5	106	0.00
87 M	1,2-Dichlorobenzene	20.000	21.140	-5.7	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.495	2.5	102	0.00
89	1,2,4-Trichlorobenzene	20.000	20.574	-2.9	103	0.00
90	Hexachlorobutadiene	20.000	20.386	-1.9	105	0.00
91 M	Naphthalene	20.000	20.324	-1.6	103	0.00
92	1,2,3-Trichlorobenzene	20.000	21.045	-5.2	107	0.00

(#) = Out of Range

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