

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX011823\
 Data File : VX033785.D
 Acq On : 18 Jan 2023 19:47
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 19 03:34:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	20.421	-2.1	90	0.00
3 M	Chloromethane	20.000	21.206	-6.0	96	0.00
4 M	Vinyl Chloride	20.000	21.074	-5.4	94	0.00
5 M	Bromomethane	20.000	17.601	12.0	82	0.00
6 M	Chloroethane	20.000	22.324	-11.6	95	0.00
7 M	Trichlorofluoromethane	20.000	20.681	-3.4	92	0.00
8 T	Diethyl Ether	20.000	20.364	-1.8	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.321	-1.6	90	0.00
10 M	1,1-Dichloroethene	20.000	21.018	-5.1	94	0.00
11	Methyl Iodide	20.000	16.770	16.2	77	0.00
12	Methyl Acetate	20.000	22.463	-12.3	101	0.00
13 M	Acrolein	100.000	75.547	24.5	78	0.00
14 M	Acrylonitrile	100.000	108.630	-8.6	96	0.00
15 M	Acetone	100.000	99.834	0.2	89	0.00
16 M	Carbon Disulfide	20.000	20.282	-1.4	95	0.00
17	Allyl chloride	20.000	20.715	-3.6	92	0.00
18 M	Methylene Chloride	20.000	21.326	-6.6	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.985	-4.9	93	0.00
20 T	Diisopropyl ether	20.000	21.351	-6.8	95	0.00
21 M	1,1-Dichloroethane	20.000	21.227	-6.1	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.912	-4.6	94	0.00
23 M	tert-Butyl Alcohol	100.000	98.056	1.9	85	-0.02
24 M	Methyl tert-Butyl Ether	20.000	20.986	-4.9	96	0.00
25 M	Chloroform	20.000	21.608	-8.0	97	0.00
26	Cyclohexane	20.000	20.342	-1.7	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.001	-0.0	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	20.563	-2.8	93	0.00
30 M	2-Butanone	100.000	105.037	-5.0	94	0.00
31	2,2-Dichloropropane	20.000	18.893	5.5	88	0.00
32 M	1,1,1-Trichloroethane	20.000	20.349	-1.7	93	0.00
33 M	Carbon Tetrachloride	20.000	20.130	-0.6	91	0.00
34 M	Benzene	20.000	21.100	-5.5	93	0.00
35	Methacrylonitrile	20.000	21.203	-6.0	95	0.00
36 M	1,2-Dichloroethane	20.000	20.870	-4.4	95	0.00
37 M	Trichloroethene	20.000	21.242	-6.2	94	0.00
38	Methylcyclohexane	20.000	20.228	-1.1	92	0.00
39 M	1,2-Dichloropropane	20.000	21.721	-8.6	101	0.00
40	Dibromomethane	20.000	21.224	-6.1	98	0.00
41 M	Bromodichloromethane	20.000	20.912	-4.6	96	0.00
42 M	Vinyl Acetate	100.000	103.948	-3.9	94	0.00
43	Ethyl Acetate	20.000	21.029	-5.1	97	0.00
44	Isopropyl Acetate	20.000	20.914	-4.6	96	0.00
45 T	1,4-Dioxane	400.000	439.883	-10.0	96	0.00
46	Methyl methacrylate	20.000	21.641	-8.2	98	0.00
47	n-amyl Acetate	20.000	20.487	-2.4	99	0.00
48 M	t-1,3-Dichloropropene	20.000	19.432	2.8	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.936	0.3	94	0.00
50 M	1,1,2-Trichloroethane	20.000	21.567	-7.8	104	0.00
51	Ethyl methacrylate	20.000	21.042	-5.2	103	0.00
52	1,3-Dichloropropane	20.000	21.515	-7.6	104	0.00
53 M	Dibromochloromethane	20.000	20.564	-2.8	102	0.00
54 M	1,2-Dibromoethane	20.000	21.007	-5.0	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.586	-0.6	94	0.00
56 M	Bromoform	20.000	20.170	-0.9	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.128	-11.1	99	0.00
59 M	2-Hexanone	100.000	108.285	-8.3	97	0.00
60 S	4-Bromofluorobenzene	30.000	30.003	-0.0	93	0.00
61 M	Tetrachloroethene	20.000	21.367	-6.8	105	0.00
62 M	Toluene	20.000	21.336	-6.7	95	0.00
63 S	Toluene-d8	30.000	30.602	-2.0	95	0.00
64 M	Chlorobenzene	20.000	20.991	-5.0	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.655	-3.3	94	0.00
66 M	Ethyl Benzene	20.000	20.871	-4.4	95	0.00
67 M	m/p-Xylenes	40.000	42.110	-5.3	96	0.00
68 M	o-Xylene	20.000	20.784	-3.9	95	0.00
69 M	Styrene	20.000	20.942	-4.7	95	0.00
70	Isopropylbenzene	20.000	20.868	-4.3	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.247	-11.2	102	0.00
72	1,2,3-Trichloropropane	20.000	21.670	-8.4	98	0.00
73	Bromobenzene	20.000	21.265	-6.3	96	0.00
74	n-propylbenzene	20.000	20.454	-2.3	92	0.00
75	2-Chlorotoluene	20.000	20.880	-4.4	94	0.00
76	1,3,5-Trimethylbenzene	20.000	20.904	-4.5	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.303	3.5	94	0.00
78	4-Chlorotoluene	20.000	20.698	-3.5	94	0.00
79	tert-butylbenzene	20.000	20.807	-4.0	94	0.00
80	1,2,4-Trimethylbenzene	20.000	20.891	-4.5	94	0.00
81	sec-Butylbenzene	20.000	20.522	-2.6	93	0.00
82	p-Isopropyltoluene	20.000	20.446	-2.2	92	0.00
83 M	1,3-Dichlorobenzene	20.000	20.657	-3.3	94	0.00
84 M	1,4-Dichlorobenzene	20.000	21.236	-6.2	98	0.00
85	n-Butylbenzene	20.000	19.711	1.4	90	0.00
86 T	Hexachloroethane	20.000	18.841	5.8	89	0.00
87 M	1,2-Dichlorobenzene	20.000	21.600	-8.0	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.301	-6.5	99	0.00
89	1,2,4-Trichlorobenzene	20.000	19.238	3.8	89	0.00
90	Hexachlorobutadiene	20.000	17.974	10.1	84	0.00
91 M	Naphthalene	20.000	19.799	1.0	90	0.00
92	1,2,3-Trichlorobenzene	20.000	19.282	3.6	87	0.00

(#) = Out of Range

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