

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\X040723\
 Data File : VX034967.D
 Acq On : 07 Apr 2023 13:18
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 08 00:00:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 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	103	-0.01
2 M	Dichlorodifluoromethane	20.000	23.243	-16.2	128	0.00
3 M	Chloromethane	20.000	19.568	2.2	100	0.00
4 M	Vinyl Chloride	20.000	19.376	3.1	103	0.00
5 M	Bromomethane	20.000	16.349	18.3	84	0.00
6 M	Chloroethane	20.000	16.900	15.5	90	0.00
7 M	Trichlorofluoromethane	20.000	17.515	12.4	96	0.00
8 T	Diethyl Ether	20.000	19.162	4.2	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.368	-1.8	114	0.00
10 M	1,1-Dichloroethene	20.000	18.680	6.6	102	0.00
11	Methyl Iodide	20.000	14.815	25.9#	82	0.00
12	Methyl Acetate	20.000	20.281	-1.4	107	0.00
13 M	Acrolein	100.000	93.908	6.1	97	0.00
14 M	Acrylonitrile	100.000	99.707	0.3	104	0.00
15 M	Acetone	100.000	111.525	-11.5	117	0.00
16 M	Carbon Disulfide	20.000	16.708	16.5	96	0.00
17	Allyl chloride	20.000	19.243	3.8	105	0.00
18 M	Methylene Chloride	20.000	19.059	4.7	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.470	7.7	102	0.00
20 T	Diisopropyl ether	20.000	19.447	2.8	102	0.00
21 M	1,1-Dichloroethane	20.000	19.129	4.4	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.755	6.2	101	0.00
23 M	tert-Butyl Alcohol	100.000	96.106	3.9	101	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.533	2.3	104	0.00
25 M	Chloroform	20.000	19.269	3.7	105	0.00
26	Cyclohexane	20.000	19.002	5.0	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.134	2.9	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	20.404	-2.0	108	0.00
30 M	2-Butanone	100.000	109.564	-9.6	107	0.00
31	2,2-Dichloropropane	20.000	20.534	-2.7	108	0.00
32 M	1,1,1-Trichloroethane	20.000	20.144	-0.7	106	0.00
33 M	Carbon Tetrachloride	20.000	21.073	-5.4	114	0.00
34 M	Benzene	20.000	20.198	-1.0	101	0.00
35	Methacrylonitrile	20.000	20.756	-3.8	104	0.00
36 M	1,2-Dichloroethane	20.000	21.666	-8.3	110	0.00
37 M	Trichloroethene	20.000	20.218	-1.1	105	0.00
38	Methylcyclohexane	20.000	20.144	-0.7	106	0.00
39 M	1,2-Dichloropropane	20.000	20.691	-3.5	104	0.00
40	Dibromomethane	20.000	20.591	-3.0	102	0.00
41 M	Bromodichloromethane	20.000	20.654	-3.3	107	0.00
42 M	Vinyl Acetate	100.000	104.674	-4.7	102	0.00
43	Ethyl Acetate	20.000	21.495	-7.5	105	0.00
44	Isopropyl Acetate	20.000	20.258	-1.3	101	0.00
45 T	1,4-Dioxane	400.000	438.036	-9.5	103	0.00
46	Methyl methacrylate	20.000	20.743	-3.7	105	0.00
47	n-amyl Acetate	20.000	19.459	2.7	99	0.00
48 M	t-1,3-Dichloropropene	20.000	19.303	3.5	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.858	0.7	103	0.00
50 M	1,1,2-Trichloroethane	20.000	21.104	-5.5	107	0.00
51	Ethyl methacrylate	20.000	20.201	-1.0	102	0.00
52	1,3-Dichloropropane	20.000	20.995	-5.0	105	0.00
53 M	Dibromochloromethane	20.000	19.632	1.8	104	0.00
54 M	1,2-Dibromoethane	20.000	20.051	-0.3	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	105.450	-5.5	102	0.00
56 M	Bromoform	20.000	18.531	7.3	105	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.197	-8.2	103	0.00
59 M	2-Hexanone	100.000	108.394	-8.4	105	0.00
60 S	4-Bromofluorobenzene	30.000	30.197	-0.7	103	0.00
61 M	Tetrachloroethene	20.000	20.711	-3.6	109	0.00
62 M	Toluene	20.000	20.746	-3.7	105	0.00
63 S	Toluene-d8	30.000	29.861	0.5	98	0.00
64 M	Chlorobenzene	20.000	20.456	-2.3	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.201	-1.0	104	0.00
66 M	Ethyl Benzene	20.000	20.779	-3.9	107	0.00
67 M	m/p-Xylenes	40.000	41.276	-3.2	108	0.00
68 M	o-Xylene	20.000	20.444	-2.2	104	0.00
69 M	Styrene	20.000	20.656	-3.3	107	0.00
70	Isopropylbenzene	20.000	20.757	-3.8	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.896	-4.5	103	0.00
72	1,2,3-Trichloropropane	20.000	19.290	3.6	95	0.00
73	Bromobenzene	20.000	20.549	-2.7	106	0.00
74	n-propylbenzene	20.000	20.571	-2.9	109	0.00
75	2-Chlorotoluene	20.000	20.773	-3.9	110	0.00
76	1,3,5-Trimethylbenzene	20.000	20.766	-3.8	109	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.440	17.8	95	0.00
78	4-Chlorotoluene	20.000	20.808	-4.0	112	0.00
79	tert-butylbenzene	20.000	20.284	-1.4	108	0.00
80	1,2,4-Trimethylbenzene	20.000	20.853	-4.3	110	0.00
81	sec-Butylbenzene	20.000	20.484	-2.4	110	0.00
82	p-Isopropyltoluene	20.000	20.274	-1.4	110	0.00
83 M	1,3-Dichlorobenzene	20.000	20.121	-0.6	105	0.00
84 M	1,4-Dichlorobenzene	20.000	20.527	-2.6	108	0.00
85	n-Butylbenzene	20.000	20.021	-0.1	111	0.00
86 T	Hexachloroethane	20.000	18.247	8.8	110	0.00
87 M	1,2-Dichlorobenzene	20.000	20.637	-3.2	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.065	-0.3	112	0.00
89	1,2,4-Trichlorobenzene	20.000	20.014	-0.1	107	0.00
90	Hexachlorobutadiene	20.000	22.461	-12.3	120	0.00
91 M	Naphthalene	20.000	20.519	-2.6	104	0.00
92	1,2,3-Trichlorobenzene	20.000	20.396	-2.0	105	0.00

(#) = Out of Range

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