

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX113023\
 Data File : VX039059.D
 Acq On : 30 Nov 2023 09:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 01 01:52:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 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	109	0.00
2 M	Dichlorodifluoromethane	20.000	20.760	-3.8	112	0.00
3 M	Chloromethane	20.000	20.842	-4.2	116	0.00
4 M	Vinyl Chloride	20.000	20.609	-3.0	114	0.00
5 M	Bromomethane	20.000	23.153	-15.8	113	0.00
6 M	Chloroethane	20.000	21.136	-5.7	111	0.00
7 M	Trichlorofluoromethane	20.000	20.401	-2.0	110	0.00
8 T	Diethyl Ether	20.000	20.811	-4.1	114	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.326	-11.6	124	0.00
10 M	1,1-Dichloroethene	20.000	21.670	-8.4	120	0.00
11	Methyl Iodide	20.000	21.222	-6.1	128	0.00
12	Methyl Acetate	20.000	20.146	-0.7	112	0.00
13 M	Acrolein	100.000	117.244	-17.2	135	0.00
14 M	Acrylonitrile	100.000	101.488	-1.5	113	0.00
15 M	Acetone	100.000	123.563	-23.6	120	0.00
16 M	Carbon Disulfide	20.000	20.480	-2.4	115	0.00
17	Allyl chloride	20.000	21.325	-6.6	118	0.00
18 M	Methylene Chloride	20.000	22.053	-10.3	126	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.135	-5.7	119	0.00
20 T	Diisopropyl ether	20.000	21.693	-8.5	120	0.00
21 M	1,1-Dichloroethane	20.000	21.223	-6.1	118	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.940	-4.7	116	-0.01
23 M	tert-Butyl Alcohol	100.000	79.189	20.8	91	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.990	-4.9	117	0.00
25 M	Chloroform	20.000	20.985	-4.9	117	-0.01
26	Cyclohexane	20.000	21.582	-7.9	120	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.412	8.6	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	-0.01
29	1,1-Dichloropropene	20.000	21.616	-8.1	115	0.00
30 M	2-Butanone	100.000	110.342	-10.3	113	-0.01
31	2,2-Dichloropropane	20.000	22.013	-10.1	115	0.00
32 M	1,1,1-Trichloroethane	20.000	21.474	-7.4	113	0.00
33 M	Carbon Tetrachloride	20.000	21.565	-7.8	114	0.00
34 M	Benzene	20.000	22.122	-10.6	118	0.00
35	Methacrylonitrile	20.000	21.184	-5.9	115	-0.02
36 M	1,2-Dichloroethane	20.000	21.137	-5.7	111	0.00
37 M	Trichloroethene	20.000	21.910	-9.6	115	0.00
38	Methylcyclohexane	20.000	21.910	-9.6	115	0.00
39 M	1,2-Dichloropropane	20.000	22.103	-10.5	120	0.00
40	Dibromomethane	20.000	21.471	-7.4	114	0.00
41 M	Bromodichloromethane	20.000	21.707	-8.5	115	0.00
42 M	Vinyl Acetate	100.000	111.497	-11.5	117	0.00
43	Ethyl Acetate	20.000	21.041	-5.2	111	-0.01
44	Isopropyl Acetate	20.000	21.096	-5.5	114	0.00
45 T	1,4-Dioxane	400.000	352.787	11.8	98	0.00
46	Methyl methacrylate	20.000	21.321	-6.6	114	0.00
47	n-amyl Acetate	20.000	21.125	-5.6	118	0.00
48 M	t-1,3-Dichloropropene	20.000	21.444	-7.2	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.947	-9.7	116	0.00
50 M	1,1,2-Trichloroethane	20.000	22.442	-12.2	119	0.00
51	Ethyl methacrylate	20.000	22.200	-11.0	122	0.00
52	1,3-Dichloropropane	20.000	22.352	-11.8	118	0.00
53 M	Dibromochloromethane	20.000	20.916	-4.6	110	0.00
54 M	1,2-Dibromoethane	20.000	21.682	-8.4	117	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.041	-1.0	113	0.00
56 M	Bromoform	20.000	20.383	-1.9	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.838	-7.8	111	0.00
59 M	2-Hexanone	100.000	110.594	-10.6	113	0.00
60 S	4-Bromofluorobenzene	30.000	29.424	1.9	101	0.00
61 M	Tetrachloroethene	20.000	22.311	-11.6	113	0.00
62 M	Toluene	20.000	22.566	-12.8	116	0.00
63 S	Toluene-d8	30.000	29.998	0.0	102	0.00
64 M	Chlorobenzene	20.000	22.375	-11.9	117	0.00
65	1,1,1,2-Tetrachloroethane	20.000	22.397	-12.0	115	0.00
66 M	Ethyl Benzene	20.000	22.631	-13.2	117	0.00
67 M	m/p-Xylenes	40.000	45.133	-12.8	117	0.00
68 M	o-Xylene	20.000	22.001	-10.0	115	0.00
69 M	Styrene	20.000	22.372	-11.9	117	0.00
70	Isopropylbenzene	20.000	22.199	-11.0	115	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.926	-9.6	115	0.00
72	1,2,3-Trichloropropane	20.000	22.286	-11.4	115	0.00
73	Bromobenzene	20.000	21.886	-9.4	116	0.00
74	n-propylbenzene	20.000	22.383	-11.9	116	0.00
75	2-Chlorotoluene	20.000	22.270	-11.3	116	0.00
76	1,3,5-Trimethylbenzene	20.000	22.093	-10.5	115	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.358	-6.8	118	0.00
78	4-Chlorotoluene	20.000	22.408	-12.0	116	0.00
79	tert-butylbenzene	20.000	22.028	-10.1	114	0.00
80	1,2,4-Trimethylbenzene	20.000	21.864	-9.3	114	0.00
81	sec-Butylbenzene	20.000	21.902	-9.5	115	0.00
82	p-Isopropyltoluene	20.000	21.829	-9.1	114	0.00
83 M	1,3-Dichlorobenzene	20.000	21.880	-9.4	116	0.00
84 M	1,4-Dichlorobenzene	20.000	21.817	-9.1	115	0.00
85	n-Butylbenzene	20.000	21.984	-9.9	117	0.00
86 T	Hexachloroethane	20.000	21.608	-8.0	114	0.00
87 M	1,2-Dichlorobenzene	20.000	21.351	-6.8	111	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.871	0.6	104	0.00
89	1,2,4-Trichlorobenzene	20.000	21.818	-9.1	114	0.00
90	Hexachlorobutadiene	20.000	22.405	-12.0	116	0.00
91 M	Naphthalene	20.000	20.518	-2.6	109	0.00
92	1,2,3-Trichlorobenzene	20.000	21.809	-9.0	114	0.00

(#) = Out of Range

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