

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX120623\
 Data File : VX039091.D
 Acq On : 06 Dec 2023 16:24
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 07 04:02:22 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	19.459	2.7	92	0.00
3 M	Chloromethane	20.000	19.715	1.4	97	0.00
4 M	Vinyl Chloride	20.000	19.536	2.3	95	0.00
5 M	Bromomethane	20.000	22.239	-11.2	96	0.00
6 M	Chloroethane	20.000	21.977	-9.9	102	0.00
7 M	Trichlorofluoromethane	20.000	19.909	0.5	95	0.00
8 T	Diethyl Ether	20.000	20.099	-0.5	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.741	-8.7	107	0.00
10 M	1,1-Dichloroethene	20.000	21.361	-6.8	104	0.00
11	Methyl Iodide	20.000	18.476	7.6	98	0.00
12	Methyl Acetate	20.000	22.518	-12.6	110	0.00
13 M	Acrolein	100.000	92.281	7.7	93	0.00
14 M	Acrylonitrile	100.000	108.758	-8.8	106	0.00
15 M	Acetone	100.000	92.281	7.7	79	0.00
16 M	Carbon Disulfide	20.000	19.433	2.8	96	0.00
17	Allyl chloride	20.000	21.323	-6.6	104	0.00
18 M	Methylene Chloride	20.000	21.554	-7.8	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.620	-3.1	103	0.00
20 T	Diisopropyl ether	20.000	22.180	-10.9	108	0.00
21 M	1,1-Dichloroethane	20.000	21.474	-7.4	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.654	-3.3	101	-0.01
23 M	tert-Butyl Alcohol	100.000	87.727	12.3	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.328	-6.6	105	0.00
25 M	Chloroform	20.000	21.464	-7.3	106	0.00
26	Cyclohexane	20.000	21.262	-6.3	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.984	0.1	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	20.567	-2.8	103	0.00
30 M	2-Butanone	100.000	98.933	1.1	96	0.00
31	2,2-Dichloropropane	20.000	20.147	-0.7	99	0.00
32 M	1,1,1-Trichloroethane	20.000	19.502	2.5	97	0.00
33 M	Carbon Tetrachloride	20.000	19.723	1.4	98	-0.01
34 M	Benzene	20.000	20.692	-3.5	104	0.00
35	Methacrylonitrile	20.000	20.899	-4.5	107	-0.01
36 M	1,2-Dichloroethane	20.000	20.163	-0.8	100	0.00
37 M	Trichloroethene	20.000	19.642	1.8	97	0.00
38	Methylcyclohexane	20.000	20.398	-2.0	101	0.00
39 M	1,2-Dichloropropane	20.000	20.790	-3.9	106	0.00
40	Dibromomethane	20.000	20.349	-1.7	102	0.00
41 M	Bromodichloromethane	20.000	20.545	-2.7	102	0.00
42 M	Vinyl Acetate	100.000	105.050	-5.0	104	0.00
43	Ethyl Acetate	20.000	20.784	-3.9	103	-0.01
44	Isopropyl Acetate	20.000	20.979	-4.9	107	0.00
45 T	1,4-Dioxane	400.000	317.802	20.5	83	0.00
46	Methyl methacrylate	20.000	20.923	-4.6	106	0.00
47	n-amyl Acetate	20.000	20.901	-4.5	110	0.00
48 M	t-1,3-Dichloropropene	20.000	19.870	0.6	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120623\
 Data File : VX039091.D
 Acq On : 06 Dec 2023 16:24
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 07 04:02:22 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)
49 T	cis-1,3-Dichloropropene	20.000	20.918	-4.6	105	0.00
50 M	1,1,2-Trichloroethane	20.000	20.949	-4.7	104	0.00
51	Ethyl methacrylate	20.000	21.000	-5.0	109	0.00
52	1,3-Dichloropropane	20.000	21.253	-6.3	106	0.00
53 M	Dibromochloromethane	20.000	19.425	2.9	96	0.00
54 M	1,2-Dibromoethane	20.000	20.329	-1.6	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.591	1.4	104	0.00
56 M	Bromoform	20.000	18.934	5.3	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.484	-6.5	106	0.00
59 M	2-Hexanone	100.000	103.674	-3.7	103	0.00
60 S	4-Bromofluorobenzene	30.000	29.900	0.3	99	0.00
61 M	Tetrachloroethene	20.000	19.582	2.1	96	0.00
62 M	Toluene	20.000	20.882	-4.4	104	0.00
63 S	Toluene-d8	30.000	30.407	-1.4	100	0.00
64 M	Chlorobenzene	20.000	20.336	-1.7	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.960	0.2	99	0.00
66 M	Ethyl Benzene	20.000	20.712	-3.6	103	0.00
67 M	m/p-Xylenes	40.000	40.664	-1.7	102	0.00
68 M	o-Xylene	20.000	20.379	-1.9	103	0.00
69 M	Styrene	20.000	20.261	-1.3	103	0.00
70	Isopropylbenzene	20.000	20.475	-2.4	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.861	-4.3	106	0.00
72	1,2,3-Trichloropropane	20.000	21.403	-7.0	106	0.00
73	Bromobenzene	20.000	20.154	-0.8	104	0.00
74	n-propylbenzene	20.000	20.870	-4.4	104	0.00
75	2-Chlorotoluene	20.000	20.874	-4.4	105	0.00
76	1,3,5-Trimethylbenzene	20.000	20.342	-1.7	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.185	4.1	102	0.00
78	4-Chlorotoluene	20.000	20.239	-1.2	102	0.00
79	tert-butylbenzene	20.000	20.335	-1.7	101	0.00
80	1,2,4-Trimethylbenzene	20.000	20.345	-1.7	102	0.00
81	sec-Butylbenzene	20.000	20.694	-3.5	105	0.00
82	p-Isopropyltoluene	20.000	20.032	-0.2	101	0.00
83 M	1,3-Dichlorobenzene	20.000	20.137	-0.7	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.894	0.5	101	0.00
85	n-Butylbenzene	20.000	20.008	-0.0	103	0.00
86 T	Hexachloroethane	20.000	19.822	0.9	101	0.00
87 M	1,2-Dichlorobenzene	20.000	20.207	-1.0	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.361	3.2	98	0.00
89	1,2,4-Trichlorobenzene	20.000	20.380	-1.9	103	0.00
90	Hexachlorobutadiene	20.000	19.947	0.3	100	0.00
91 M	Naphthalene	20.000	19.259	3.7	99	0.00
92	1,2,3-Trichlorobenzene	20.000	20.146	-0.7	101	0.00

(#) = Out of Range

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