

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
 Data File : VX044769.D
 Acq On : 30 Jan 2025 09:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 30 12:08:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	19.644	1.8	88	0.00
3 M	Chloromethane	20.000	21.534	-7.7	93	0.00
4 M	Vinyl Chloride	20.000	21.449	-7.2	96	0.00
5 M	Bromomethane	20.000	22.562	-12.8	103	0.00
6 M	Chloroethane	20.000	44.108	-120.5#	199	0.00
7 M	Trichlorofluoromethane	20.000	23.124	-15.6	105	0.00
8 T	Diethyl Ether	20.000	19.472	2.6	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.994	-15.0	106	0.00
10 M	1,1-Dichloroethene	20.000	21.617	-8.1	99	0.00
11	Methyl Iodide	20.000	20.807	-4.0	91	0.00
12	Methyl Acetate	20.000	22.274	-11.4	102	0.00
13 M	Acrolein	100.000	106.677	-6.7	116	0.00
14 M	Acrylonitrile	100.000	111.732	-11.7	98	0.00
15 M	Acetone	100.000	122.217	-22.2	111	0.00
16 M	Carbon Disulfide	20.000	20.493	-2.5	92	0.00
17	Allyl chloride	20.000	21.380	-6.9	94	0.00
18 M	Methylene Chloride	20.000	21.541	-7.7	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.336	-6.7	95	0.00
20 T	Diisopropyl ether	20.000	22.401	-12.0	97	0.00
21 M	1,1-Dichloroethane	20.000	21.336	-6.7	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.344	-6.7	92	0.00
23 M	tert-Butyl Alcohol	100.000	99.185	0.8	86	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.057	-0.3	88	0.00
25 M	Chloroform	20.000	20.235	-1.2	89	0.00
26	Cyclohexane	20.000	23.055	-15.3	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	26.391	12.0	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	21.196	-6.0	95	0.00
30 M	2-Butanone	100.000	112.619	-12.6	98	0.00
31	2,2-Dichloropropane	20.000	19.476	2.6	86	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.611	1.9	86	0.00
33 M	Carbon Tetrachloride	20.000	19.810	1.0	88	0.00
34 M	Benzene	20.000	21.800	-9.0	94	0.00
35	Methacrylonitrile	20.000	20.642	-3.2	91	0.00
36 M	1,2-Dichloroethane	20.000	18.311	8.4	79	0.00
37 M	Trichloroethene	20.000	21.202	-6.0	94	0.00
38	Methylcyclohexane	20.000	22.009	-10.0	101	0.00
39 M	1,2-Dichloropropane	20.000	21.078	-5.4	91	0.00
40	Dibromomethane	20.000	19.770	1.2	87	0.00
41 M	Bromodichloromethane	20.000	19.739	1.3	86	0.00
42 M	Vinyl Acetate	100.000	106.320	-6.3	91	0.00
43	Ethyl Acetate	20.000	22.024	-10.1	93	-0.01
44	Isopropyl Acetate	20.000	20.373	-1.9	88	0.00
45 T	1,4-Dioxane	400.000	457.656	-14.4	96	-0.02
46	Methyl methacrylate	20.000	20.223	-1.1	88	0.00
47	n-amyl Acetate	20.000	21.575	-7.9	91	0.00
48 M	t-1,3-Dichloropropene	20.000	19.438	2.8	84	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
 Data File : VX044769.D
 Acq On : 30 Jan 2025 09:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 30 12:08:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 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	20.065	-0.3	86	0.00
50 M	1,1,2-Trichloroethane	20.000	21.793	-9.0	92	0.00
51	Ethyl methacrylate	20.000	20.653	-3.3	88	0.00
52	1,3-Dichloropropane	20.000	21.677	-8.4	93	0.00
53 M	Dibromochloromethane	20.000	20.315	-1.6	86	0.00
54 M	1,2-Dibromoethane	20.000	21.036	-5.2	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	127.538	-27.5#	109	0.00
56 M	Bromoform	20.000	19.947	0.3	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.223	-7.2	95	0.00
59 M	2-Hexanone	100.000	107.708	-7.7	95	0.00
60 S	4-Bromofluorobenzene	30.000	28.793	4.0	88	0.00
61 M	Tetrachloroethene	20.000	20.953	-4.8	97	0.00
62 M	Toluene	20.000	21.110	-5.5	96	0.00
63 S	Toluene-d8	30.000	29.466	1.8	90	0.00
64 M	Chlorobenzene	20.000	21.329	-6.6	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.424	2.9	87	0.00
66 M	Ethyl Benzene	20.000	20.931	-4.7	94	0.00
67 M	m/p-Xylenes	40.000	44.334	-10.8	97	0.00
68 M	o-Xylene	20.000	21.617	-8.1	95	0.00
69 M	Styrene	20.000	21.741	-8.7	95	0.00
70	Isopropylbenzene	20.000	21.894	-9.5	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.538	-7.7	96	0.00
72	1,2,3-Trichloropropane	20.000	20.396	-2.0	90	0.00
73	Bromobenzene	20.000	21.809	-9.0	97	0.00
74	n-propylbenzene	20.000	22.248	-11.2	99	0.00
75	2-Chlorotoluene	20.000	21.052	-5.3	93	0.00
76	1,3,5-Trimethylbenzene	20.000	22.309	-11.5	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.017	4.9	86	0.00
78	4-Chlorotoluene	20.000	21.440	-7.2	95	0.00
79	tert-butylbenzene	20.000	22.216	-11.1	97	0.00
80	1,2,4-Trimethylbenzene	20.000	21.527	-7.6	95	0.00
81	sec-Butylbenzene	20.000	23.454	-17.3	104	0.00
82	p-Isopropyltoluene	20.000	22.896	-14.5	101	0.00
83 M	1,3-Dichlorobenzene	20.000	21.901	-9.5	98	0.00
84 M	1,4-Dichlorobenzene	20.000	22.535	-12.7	99	0.00
85	n-Butylbenzene	20.000	23.418	-17.1	106	0.00
86 T	Hexachloroethane	20.000	20.395	-2.0	93	0.00
87 M	1,2-Dichlorobenzene	20.000	22.280	-11.4	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.900	15.5	78	0.00
89	1,2,4-Trichlorobenzene	20.000	21.738	-8.7	102	0.00
90	Hexachlorobutadiene	20.000	22.847	-14.2	103	0.00
91 M	Naphthalene	20.000	20.727	-3.6	93	0.00
92	1,2,3-Trichlorobenzene	20.000	21.507	-7.5	97	0.00

(#) = Out of Range

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