

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
 Data File : VX045027.D
 Acq On : 24 Feb 2025 16:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 25 00:31:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	19.832	0.8	106	0.00
3 M	Chloromethane	20.000	18.752	6.2	99	0.01
4 M	Vinyl Chloride	20.000	19.036	4.8	103	0.00
5 M	Bromomethane	20.000	19.148	4.3	104	0.00
6 M	Chloroethane	20.000	17.763	11.2	88	0.00
7 M	Trichlorofluoromethane	20.000	20.041	-0.2	111	0.00
8 T	Diethyl Ether	20.000	18.909	5.5	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.464	2.7	108	0.00
10 M	1,1-Dichloroethene	20.000	19.213	3.9	107	0.00
11	Methyl Iodide	20.000	17.160	14.2	106	0.00
12	Methyl Acetate	20.000	22.621	-13.1	127	0.00
13 M	Acrolein	100.000	115.397	-15.4	135	0.00
14 M	Acrylonitrile	100.000	108.613	-8.6	118	0.00
15 M	Acetone	100.000	106.058	-6.1	112	0.00
16 M	Carbon Disulfide	20.000	18.631	6.8	105	0.00
17	Allyl chloride	20.000	19.532	2.3	110	0.00
18 M	Methylene Chloride	20.000	19.663	1.7	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.038	4.8	105	0.00
20 T	Diisopropyl ether	20.000	18.947	5.3	104	0.00
21 M	1,1-Dichloroethane	20.000	19.462	2.7	107	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.883	5.6	104	0.00
23 M	tert-Butyl Alcohol	100.000	112.549	-12.5	125	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.177	4.1	106	0.00
25 M	Chloroform	20.000	19.450	2.8	105	0.00
26	Cyclohexane	20.000	18.951	5.2	103	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.596	-2.0	108	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	19.135	4.3	104	0.00
30 M	2-Butanone	100.000	110.907	-10.9	121	0.00
31	2,2-Dichloropropane	20.000	18.659	6.7	105	0.00
32 M	1,1,1-Trichloroethane	20.000	19.547	2.3	107	0.00
33 M	Carbon Tetrachloride	20.000	19.588	2.1	107	0.00
34 M	Benzene	20.000	19.672	1.6	106	0.00
35	Methacrylonitrile	20.000	21.655	-8.3	117	0.00
36 M	1,2-Dichloroethane	20.000	19.389	3.1	105	0.00
37 M	Trichloroethene	20.000	19.520	2.4	104	0.00
38	Methylcyclohexane	20.000	19.091	4.5	107	0.00
39 M	1,2-Dichloropropane	20.000	19.109	4.5	102	0.00
40	Dibromomethane	20.000	19.422	2.9	105	0.00
41 M	Bromodichloromethane	20.000	19.235	3.8	105	0.00
42 M	Vinyl Acetate	100.000	97.746	2.3	107	0.00
43	Ethyl Acetate	20.000	20.226	-1.1	110	0.00
44	Isopropyl Acetate	20.000	20.636	-3.2	117	0.00
45 T	1,4-Dioxane	400.000	466.175	-16.5	121	0.00
46	Methyl methacrylate	20.000	20.183	-0.9	113	0.00
47	n-amyl Acetate	20.000	20.000	0.0	112	0.00
48 M	t-1,3-Dichloropropene	20.000	18.805	6.0	111	0.00

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Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 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	19.078	4.6	106	0.00
50 M	1,1,2-Trichloroethane	20.000	20.394	-2.0	108	0.00
51	Ethyl methacrylate	20.000	19.111	4.4	109	0.00
52	1,3-Dichloropropane	20.000	19.731	1.3	104	0.00
53 M	Dibromochloromethane	20.000	20.030	-0.2	108	0.00
54 M	1,2-Dibromoethane	20.000	20.388	-1.9	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.190	-0.2	110	0.00
56 M	Bromoform	20.000	20.375	-1.9	117	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.951	-9.0	117	0.00
59 M	2-Hexanone	100.000	109.733	-9.7	119	0.00
60 S	4-Bromofluorobenzene	30.000	29.731	0.9	107	0.00
61 M	Tetrachloroethene	20.000	19.534	2.3	105	0.00
62 M	Toluene	20.000	19.374	3.1	106	0.00
63 S	Toluene-d8	30.000	29.465	1.8	105	0.00
64 M	Chlorobenzene	20.000	19.455	2.7	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.802	6.0	104	0.00
66 M	Ethyl Benzene	20.000	18.773	6.1	104	0.00
67 M	m/p-Xylenes	40.000	38.535	3.7	103	0.00
68 M	o-Xylene	20.000	19.470	2.7	104	0.00
69 M	Styrene	20.000	19.319	3.4	104	0.00
70	Isopropylbenzene	20.000	19.331	3.3	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.565	-2.8	112	0.00
72	1,2,3-Trichloropropane	20.000	20.845	-4.2	115	0.00
73	Bromobenzene	20.000	19.720	1.4	107	0.00
74	n-propylbenzene	20.000	19.393	3.0	106	0.00
75	2-Chlorotoluene	20.000	19.633	1.8	106	0.00
76	1,3,5-Trimethylbenzene	20.000	19.749	1.3	106	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.727	6.4	117	0.00
78	4-Chlorotoluene	20.000	19.455	2.7	106	0.00
79	tert-butylbenzene	20.000	19.837	0.8	107	0.00
80	1,2,4-Trimethylbenzene	20.000	19.444	2.8	104	0.00
81	sec-Butylbenzene	20.000	19.898	0.5	108	0.00
82	p-Isopropyltoluene	20.000	19.919	0.4	108	0.00
83 M	1,3-Dichlorobenzene	20.000	19.442	2.8	105	0.00
84 M	1,4-Dichlorobenzene	20.000	19.886	0.6	108	0.00
85	n-Butylbenzene	20.000	19.032	4.8	107	0.00
86 T	Hexachloroethane	20.000	19.465	2.7	113	0.00
87 M	1,2-Dichlorobenzene	20.000	20.140	-0.7	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.007	-0.0	116	0.00
89	1,2,4-Trichlorobenzene	20.000	18.952	5.2	108	0.00
90	Hexachlorobutadiene	20.000	19.213	3.9	105	0.00
91 M	Naphthalene	20.000	19.629	1.9	109	0.00
92	1,2,3-Trichlorobenzene	20.000	18.644	6.8	103	0.00

(#) = Out of Range

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