

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
 Data File : VX045022.D
 Acq On : 24 Feb 2025 10:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 25 00:25:11 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	105	0.00
2 M	Dichlorodifluoromethane	20.000	20.812	-4.1	112	0.00
3 M	Chloromethane	20.000	20.376	-1.9	109	0.00
4 M	Vinyl Chloride	20.000	19.893	0.5	108	0.00
5 M	Bromomethane	20.000	20.602	-3.0	113	0.00
6 M	Chloroethane	20.000	21.062	-5.3	105	0.00
7 M	Trichlorofluoromethane	20.000	20.100	-0.5	112	0.00
8 T	Diethyl Ether	20.000	19.962	0.2	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.340	-1.7	114	0.00
10 M	1,1-Dichloroethene	20.000	19.696	1.5	110	0.00
11	Methyl Iodide	20.000	15.000	25.0	93	0.00
12	Methyl Acetate	20.000	22.336	-11.7	126	0.00
13 M	Acrolein	100.000	130.264	-30.3#	153	0.00
14 M	Acrylonitrile	100.000	104.047	-4.0	114	0.00
15 M	Acetone	100.000	117.501	-17.5	124	0.00
16 M	Carbon Disulfide	20.000	19.812	0.9	112	0.00
17	Allyl chloride	20.000	19.756	1.2	112	0.00
18 M	Methylene Chloride	20.000	19.610	2.0	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.071	-0.4	111	0.00
20 T	Diisopropyl ether	20.000	20.075	-0.4	111	0.00
21 M	1,1-Dichloroethane	20.000	19.738	1.3	109	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.084	-0.4	111	0.00
23 M	tert-Butyl Alcohol	100.000	105.939	-5.9	118	-0.01
24 M	Methyl tert-Butyl Ether	20.000	20.139	-0.7	112	0.00
25 M	Chloroform	20.000	20.360	-1.8	111	0.00
26	Cyclohexane	20.000	19.696	1.5	108	-0.01
27 s	1,2-Dichloroethane-d4	30.000	29.007	3.3	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	20.342	-1.7	109	-0.01
30 M	2-Butanone	100.000	111.405	-11.4	119	0.00
31	2,2-Dichloropropane	20.000	20.702	-3.5	115	0.00
32 M	1,1,1-Trichloroethane	20.000	20.460	-2.3	111	0.00
33 M	Carbon Tetrachloride	20.000	20.801	-4.0	112	0.00
34 M	Benzene	20.000	20.635	-3.2	110	0.00
35	Methacrylonitrile	20.000	20.877	-4.4	111	0.00
36 M	1,2-Dichloroethane	20.000	20.627	-3.1	110	0.00
37 M	Trichloroethene	20.000	20.516	-2.6	108	0.00
38	Methylcyclohexane	20.000	20.513	-2.6	113	0.00
39 M	1,2-Dichloropropane	20.000	20.076	-0.4	106	0.00
40	Dibromomethane	20.000	20.425	-2.1	109	0.00
41 M	Bromodichloromethane	20.000	20.225	-1.1	109	0.00
42 M	Vinyl Acetate	100.000	102.873	-2.9	111	0.00
43	Ethyl Acetate	20.000	21.938	-9.7	118	0.00
44	Isopropyl Acetate	20.000	21.193	-6.0	118	0.00
45 T	1,4-Dioxane	400.000	439.218	-9.8	112	0.00
46	Methyl methacrylate	20.000	21.077	-5.4	116	0.00
47	n-amyl Acetate	20.000	20.662	-3.3	114	0.00
48 M	t-1,3-Dichloropropene	20.000	19.686	1.6	114	0.00

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Instrument :
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 LabSampleId :
 VSTDCCC020

Quant Time: Feb 25 00:25:11 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)
49 T	cis-1,3-Dichloropropene	20.000	20.704	-3.5	114	0.00
50 M	1,1,2-Trichloroethane	20.000	20.723	-3.6	108	0.00
51	Ethyl methacrylate	20.000	19.657	1.7	111	0.00
52	1,3-Dichloropropane	20.000	20.713	-3.6	108	0.00
53 M	Dibromochloromethane	20.000	20.772	-3.9	111	0.00
54 M	1,2-Dibromoethane	20.000	20.756	-3.8	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.669	14.3	92	0.00
56 M	Bromoform	20.000	21.431	-7.2	121	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.161	-9.2	115	0.00
59 M	2-Hexanone	100.000	110.746	-10.7	117	0.00
60 S	4-Bromofluorobenzene	30.000	30.157	-0.5	105	0.00
61 M	Tetrachloroethene	20.000	21.438	-7.2	113	0.00
62 M	Toluene	20.000	20.685	-3.4	110	0.00
63 S	Toluene-d8	30.000	29.855	0.5	103	0.00
64 M	Chlorobenzene	20.000	20.759	-3.8	110	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.645	-3.2	111	0.00
66 M	Ethyl Benzene	20.000	20.218	-1.1	110	0.00
67 M	m/p-Xylenes	40.000	41.491	-3.7	108	0.00
68 M	o-Xylene	20.000	20.653	-3.3	108	0.00
69 M	Styrene	20.000	20.360	-1.8	107	0.00
70	Isopropylbenzene	20.000	20.896	-4.5	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.539	-7.7	114	0.00
72	1,2,3-Trichloropropane	20.000	21.147	-5.7	114	0.00
73	Bromobenzene	20.000	20.862	-4.3	110	0.00
74	n-propylbenzene	20.000	20.751	-3.8	111	0.00
75	2-Chlorotoluene	20.000	20.679	-3.4	109	0.00
76	1,3,5-Trimethylbenzene	20.000	20.998	-5.0	110	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.277	3.6	118	0.00
78	4-Chlorotoluene	20.000	20.805	-4.0	111	0.00
79	tert-butylbenzene	20.000	21.198	-6.0	111	0.00
80	1,2,4-Trimethylbenzene	20.000	20.943	-4.7	109	0.00
81	sec-Butylbenzene	20.000	20.954	-4.8	111	0.00
82	p-Isopropyltoluene	20.000	21.000	-5.0	111	0.00
83 M	1,3-Dichlorobenzene	20.000	20.760	-3.8	109	0.00
84 M	1,4-Dichlorobenzene	20.000	20.768	-3.8	110	0.00
85	n-Butylbenzene	20.000	20.691	-3.5	113	0.00
86 T	Hexachloroethane	20.000	20.895	-4.5	119	0.00
87 M	1,2-Dichlorobenzene	20.000	21.116	-5.6	110	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.051	-5.3	119	0.00
89	1,2,4-Trichlorobenzene	20.000	20.945	-4.7	117	0.00
90	Hexachlorobutadiene	20.000	21.465	-7.3	114	0.00
91 M	Naphthalene	20.000	20.836	-4.2	113	0.00
92	1,2,3-Trichlorobenzene	20.000	20.608	-3.0	111	0.00

(#) = Out of Range

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