

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX031425\
 Data File : VX045295.D
 Acq On : 14 Mar 2025 16:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 15 04:00:57 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	81	0.01
2 M	Dichlorodifluoromethane	20.000	19.787	1.1	82	0.00
3 M	Chloromethane	20.000	18.187	9.1	75	0.01
4 M	Vinyl Chloride	20.000	17.304	13.5	72	0.00
5 M	Bromomethane	20.000	21.746	-8.7	92	0.00
6 M	Chloroethane	20.000	17.310	13.5	67	0.00
7 M	Trichlorofluoromethane	20.000	18.970	5.2	81	0.00
8 T	Diethyl Ether	20.000	16.995	15.0	71	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.038	-0.2	86	0.00
10 M	1,1-Dichloroethene	20.000	20.060	-0.3	86	0.00
11	Methyl Iodide	20.000	20.050	-0.3	96	0.00
12	Methyl Acetate	20.000	31.246	-56.2#	135	0.00
13 M	Acrolein	100.000	90.627	9.4	82	0.00
14 M	Acrylonitrile	100.000	114.416	-14.4	96	0.00
15 M	Acetone	100.000	115.513	-15.5	94	0.00
16 M	Carbon Disulfide	20.000	14.577	27.1#	64	0.00
17	Allyl chloride	20.000	19.190	4.0	84	0.00
18 M	Methylene Chloride	20.000	20.154	-0.8	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.396	3.0	82	0.00
20 T	Diisopropyl ether	20.000	20.933	-4.7	89	0.00
21 M	1,1-Dichloroethane	20.000	20.917	-4.6	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.290	-1.4	86	0.00
23 M	tert-Butyl Alcohol	100.000	111.534	-11.5	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.843	-9.2	93	0.00
25 M	Chloroform	20.000	22.070	-10.4	92	0.00
26	Cyclohexane	20.000	19.744	1.3	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.939	-13.1	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	20.505	-2.5	86	0.00
30 M	2-Butanone	100.000	121.447	-21.4	102	0.00
31	2,2-Dichloropropane	20.000	18.440	7.8	80	0.00
32 M	1,1,1-Trichloroethane	20.000	20.975	-4.9	89	0.00
33 M	Carbon Tetrachloride	20.000	19.753	1.2	83	0.00
34 M	Benzene	20.000	20.980	-4.9	88	0.00
35	Methacrylonitrile	20.000	24.119	-20.6	101	0.01
36 M	1,2-Dichloroethane	20.000	23.245	-16.2	97	0.00
37 M	Trichloroethene	20.000	20.566	-2.8	85	0.00
38	Methylcyclohexane	20.000	19.849	0.8	86	0.00
39 M	1,2-Dichloropropane	20.000	21.310	-6.5	88	0.00
40	Dibromomethane	20.000	21.502	-7.5	90	0.00
41 M	Bromodichloromethane	20.000	20.921	-4.6	89	0.00
42 M	Vinyl Acetate	100.000	102.018	-2.0	87	0.00
43	Ethyl Acetate	20.000	23.006	-15.0	97	0.00
44	Isopropyl Acetate	20.000	22.230	-11.2	98	0.00
45 T	1,4-Dioxane	400.000	387.082	3.2	78	0.00
46	Methyl methacrylate	20.000	24.018	-20.1	104	0.00
47	n-amyl Acetate	20.000	22.414	-12.1	97	0.00
48 M	t-1,3-Dichloropropene	20.000	18.106	9.5	83	0.00

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 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	19.433	2.8	84	0.00
50 M	1,1,2-Trichloroethane	20.000	22.064	-10.3	90	0.00
51	Ethyl methacrylate	20.000	22.716	-13.6	101	0.00
52	1,3-Dichloropropane	20.000	22.620	-13.1	93	0.00
53 M	Dibromochloromethane	20.000	20.221	-1.1	85	0.00
54 M	1,2-Dibromoethane	20.000	22.653	-13.3	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	113.312	-13.3	96	0.00
56 M	Bromoform	20.000	19.202	4.0	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	121.798	-21.8	105	0.00
59 M	2-Hexanone	100.000	123.031	-23.0	106	0.00
60 S	4-Bromofluorobenzene	30.000	31.077	-3.6	89	0.00
61 M	Tetrachloroethene	20.000	20.551	-2.8	88	0.00
62 M	Toluene	20.000	20.077	-0.4	87	0.00
63 S	Toluene-d8	30.000	29.506	1.6	84	0.00
64 M	Chlorobenzene	20.000	20.956	-4.8	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.477	2.6	86	0.00
66 M	Ethyl Benzene	20.000	20.852	-4.3	92	0.00
67 M	m/p-Xylenes	40.000	41.745	-4.4	89	0.00
68 M	o-Xylene	20.000	21.243	-6.2	90	0.00
69 M	Styrene	20.000	20.872	-4.4	90	0.00
70	Isopropylbenzene	20.000	21.222	-6.1	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.534	-12.7	98	0.00
72	1,2,3-Trichloropropane	20.000	22.375	-11.9	98	0.00
73	Bromobenzene	20.000	20.854	-4.3	90	0.00
74	n-propylbenzene	20.000	21.220	-6.1	93	0.00
75	2-Chlorotoluene	20.000	21.486	-7.4	92	0.00
76	1,3,5-Trimethylbenzene	20.000	21.812	-9.1	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.490	17.6	82	0.00
78	4-Chlorotoluene	20.000	21.370	-6.9	93	0.00
79	tert-butylbenzene	20.000	21.381	-6.9	92	0.00
80	1,2,4-Trimethylbenzene	20.000	21.142	-5.7	90	0.00
81	sec-Butylbenzene	20.000	21.150	-5.7	91	0.00
82	p-Isopropyltoluene	20.000	21.191	-6.0	92	0.00
83 M	1,3-Dichlorobenzene	20.000	20.287	-1.4	87	0.00
84 M	1,4-Dichlorobenzene	20.000	20.494	-2.5	89	0.00
85	n-Butylbenzene	20.000	20.525	-2.6	92	0.00
86 T	Hexachloroethane	20.000	17.962	10.2	83	0.00
87 M	1,2-Dichlorobenzene	20.000	21.325	-6.6	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.288	-11.4	103	0.00
89	1,2,4-Trichlorobenzene	20.000	19.688	1.6	90	0.00
90	Hexachlorobutadiene	20.000	19.979	0.1	87	0.00
91 M	Naphthalene	20.000	21.523	-7.6	95	0.00
92	1,2,3-Trichlorobenzene	20.000	20.152	-0.8	89	0.00

(#) = Out of Range

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