

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031925\
 Data File : VX045345.D
 Acq On : 19 Mar 2025 14:56
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 20 01:35:07 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	85	0.00
2 M	Dichlorodifluoromethane	20.000	20.032	-0.2	87	0.00
3 M	Chloromethane	20.000	18.337	8.3	79	0.01
4 M	Vinyl Chloride	20.000	16.665	16.7	73	0.00
5 M	Bromomethane	20.000	23.271	-16.4	103	0.00
6 M	Chloroethane	20.000	17.585	12.1	71	0.00
7 M	Trichlorofluoromethane	20.000	19.000	5.0	85	0.00
8 T	Diethyl Ether	20.000	17.622	11.9	78	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.273	-1.4	91	0.00
10 M	1,1-Dichloroethene	20.000	19.725	1.4	89	0.00
11	Methyl Iodide	20.000	20.121	-0.6	101	0.00
12	Methyl Acetate	20.000	33.443	-67.2#	152	0.00
13 M	Acrolein	100.000	102.457	-2.5	97	0.00
14 M	Acrylonitrile	100.000	113.252	-13.3	100	0.00
15 M	Acetone	100.000	104.969	-5.0	90	0.00
16 M	Carbon Disulfide	20.000	15.957	20.2	73	0.00
17	Allyl chloride	20.000	19.740	1.3	90	0.00
18 M	Methylene Chloride	20.000	20.220	-1.1	88	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.781	1.1	88	0.00
20 T	Diisopropyl ether	20.000	20.070	-0.4	89	0.00
21 M	1,1-Dichloroethane	20.000	20.755	-3.8	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.076	-0.4	89	0.00
23 M	tert-Butyl Alcohol	100.000	99.538	0.5	89	-0.02
24 M	Methyl tert-Butyl Ether	20.000	20.703	-3.5	93	0.00
25 M	Chloroform	20.000	21.329	-6.6	93	0.00
26	Cyclohexane	20.000	18.825	5.9	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.593	-12.0	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	19.609	2.0	84	-0.01
30 M	2-Butanone	100.000	118.518	-18.5	102	0.00
31	2,2-Dichloropropane	20.000	18.572	7.1	83	0.00
32 M	1,1,1-Trichloroethane	20.000	21.124	-5.6	92	0.00
33 M	Carbon Tetrachloride	20.000	21.382	-6.9	92	0.00
34 M	Benzene	20.000	20.591	-3.0	88	0.00
35	Methacrylonitrile	20.000	23.314	-16.6	100	0.00
36 M	1,2-Dichloroethane	20.000	23.564	-17.8	101	0.00
37 M	Trichloroethene	20.000	20.224	-1.1	86	0.00
38	Methylcyclohexane	20.000	19.198	4.0	85	0.00
39 M	1,2-Dichloropropane	20.000	20.973	-4.9	89	0.00
40	Dibromomethane	20.000	21.621	-8.1	93	0.00
41 M	Bromodichloromethane	20.000	21.186	-5.9	92	0.00
42 M	Vinyl Acetate	100.000	99.207	0.8	86	0.00
43	Ethyl Acetate	20.000	21.514	-7.6	93	0.00
44	Isopropyl Acetate	20.000	21.558	-7.8	97	0.00
45 T	1,4-Dioxane	400.000	392.792	1.8	81	0.00
46	Methyl methacrylate	20.000	22.172	-10.9	98	0.00
47	n-amyl Acetate	20.000	20.907	-4.5	93	0.00
48 M	t-1,3-Dichloropropene	20.000	19.248	3.8	90	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.815	0.9	87	0.00
50 M	1,1,2-Trichloroethane	20.000	21.690	-8.5	91	0.00
51	Ethyl methacrylate	20.000	20.578	-2.9	93	0.00
52	1,3-Dichloropropane	20.000	21.828	-9.1	92	0.00
53 M	Dibromochloromethane	20.000	20.940	-4.7	90	0.00
54 M	1,2-Dibromoethane	20.000	21.440	-7.2	92	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.390	2.6	84	0.00
56 M	Bromoform	20.000	21.660	-8.3	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	100.000	119.358	-19.4	103	0.00
59 M	2-Hexanone	100.000	122.112	-22.1	106	0.00
60 S	4-Bromofluorobenzene	30.000	30.811	-2.7	88	0.00
61 M	Tetrachloroethene	20.000	20.668	-3.3	89	0.00
62 M	Toluene	20.000	20.193	-1.0	88	0.00
63 S	Toluene-d8	30.000	29.916	0.3	85	0.00
64 M	Chlorobenzene	20.000	20.343	-1.7	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.508	-2.5	91	0.00
66 M	Ethyl Benzene	20.000	20.171	-0.9	90	0.00
67 M	m/p-Xylenes	40.000	40.203	-0.5	86	0.00
68 M	o-Xylene	20.000	20.347	-1.7	87	0.00
69 M	Styrene	20.000	20.405	-2.0	88	0.00
70	Isopropylbenzene	20.000	20.932	-4.7	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.445	-12.2	98	0.00
72	1,2,3-Trichloropropane	20.000	22.889	-14.4	101	0.00
73	Bromobenzene	20.000	20.860	-4.3	91	0.00
74	n-propylbenzene	20.000	20.688	-3.4	91	0.00
75	2-Chlorotoluene	20.000	20.733	-3.7	90	0.00
76	1,3,5-Trimethylbenzene	20.000	21.059	-5.3	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.787	6.1	94	0.00
78	4-Chlorotoluene	20.000	20.823	-4.1	91	0.00
79	tert-butylbenzene	20.000	20.977	-4.9	90	0.00
80	1,2,4-Trimethylbenzene	20.000	20.712	-3.6	88	0.00
81	sec-Butylbenzene	20.000	20.897	-4.5	91	0.00
82	p-Isopropyltoluene	20.000	20.946	-4.7	91	0.00
83 M	1,3-Dichlorobenzene	20.000	20.463	-2.3	88	0.00
84 M	1,4-Dichlorobenzene	20.000	20.653	-3.3	90	0.00
85	n-Butylbenzene	20.000	20.617	-3.1	93	0.00
86 T	Hexachloroethane	20.000	19.873	0.6	93	0.00
87 M	1,2-Dichlorobenzene	20.000	21.352	-6.8	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.216	-16.1	108	0.00
89	1,2,4-Trichlorobenzene	20.000	19.556	2.2	89	0.00
90	Hexachlorobutadiene	20.000	21.393	-7.0	93	0.00
91 M	Naphthalene	20.000	20.869	-4.3	93	0.00
92	1,2,3-Trichlorobenzene	20.000	19.304	3.5	85	0.00

(#) = Out of Range

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