

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
 Data File : VX044781.D
 Acq On : 30 Jan 2025 16:00
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 31 00:43:14 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	75	-0.01
2 M	Dichlorodifluoromethane	20.000	18.208	9.0	69	0.00
3 M	Chloromethane	20.000	20.566	-2.8	75	0.00
4 M	Vinyl Chloride	20.000	19.359	3.2	72	0.00
5 M	Bromomethane	20.000	23.406	-17.0	90	0.00
6 M	Chloroethane	20.000	64.847	-224.2#	245	0.00
7 M	Trichlorofluoromethane	20.000	23.844	-19.2	90	0.00
8 T	Diethyl Ether	20.000	19.132	4.3	72	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.758	-13.8	88	0.00
10 M	1,1-Dichloroethene	20.000	20.109	-0.5	77	0.00
11	Methyl Iodide	20.000	18.880	5.6	69	0.00
12	Methyl Acetate	20.000	21.847	-9.2	84	0.00
13 M	Acrolein	100.000	113.041	-13.0	103	0.00
14 M	Acrylonitrile	100.000	108.191	-8.2	80	0.00
15 M	Acetone	100.000	104.423	-4.4	79	0.00
16 M	Carbon Disulfide	20.000	19.710	1.4	74	0.00
17	Allyl chloride	20.000	19.999	0.0	74	0.00
18 M	Methylene Chloride	20.000	19.994	0.0	73	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.479	-2.4	77	0.00
20 T	Diisopropyl ether	20.000	21.350	-6.8	77	0.00
21 M	1,1-Dichloroethane	20.000	19.914	0.4	74	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.263	3.7	70	0.00
23 M	tert-Butyl Alcohol	100.000	100.075	-0.1	73	-0.01
24 M	Methyl tert-Butyl Ether	20.000	18.910	5.4	69	0.00
25 M	Chloroform	20.000	19.884	0.6	73	0.00
26	Cyclohexane	20.000	22.030	-10.2	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	26.952	10.2	68	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	76	0.00
29	1,1-Dichloropropene	20.000	19.850	0.7	75	0.00
30 M	2-Butanone	100.000	104.964	-5.0	77	0.00
31	2,2-Dichloropropane	20.000	18.146	9.3	68	-0.01
32 M	1,1,1-Trichloroethane	20.000	18.782	6.1	70	0.00
33 M	Carbon Tetrachloride	20.000	18.906	5.5	71	0.00
34 M	Benzene	20.000	20.648	-3.2	75	0.00
35	Methacrylonitrile	20.000	20.610	-3.0	77	-0.01
36 M	1,2-Dichloroethane	20.000	18.416	7.9	67	0.00
37 M	Trichloroethene	20.000	19.652	1.7	74	0.00
38	Methylcyclohexane	20.000	21.147	-5.7	82	0.00
39 M	1,2-Dichloropropane	20.000	20.484	-2.4	75	0.00
40	Dibromomethane	20.000	19.106	4.5	71	0.00
41 M	Bromodichloromethane	20.000	18.814	5.9	69	0.00
42 M	Vinyl Acetate	100.000	99.944	0.1	73	0.00
43	Ethyl Acetate	20.000	19.633	1.8	71	-0.01
44	Isopropyl Acetate	20.000	19.804	1.0	73	0.00
45 T	1,4-Dioxane	400.000	408.711	-2.2	73	-0.02
46	Methyl methacrylate	20.000	19.147	4.3	70	0.00
47	n-amyl Acetate	20.000	21.289	-6.4	76	0.00
48 M	t-1,3-Dichloropropene	20.000	18.139	9.3	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.813	5.9	69	0.00
50 M	1,1,2-Trichloroethane	20.000	20.927	-4.6	75	0.00
51	Ethyl methacrylate	20.000	20.052	-0.3	73	0.00
52	1,3-Dichloropropane	20.000	20.933	-4.7	76	0.00
53 M	Dibromochloromethane	20.000	19.235	3.8	69	0.00
54 M	1,2-Dibromoethane	20.000	19.571	2.1	71	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.290	3.7	70	0.00
56 M	Bromoform	20.000	19.003	5.0	70	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.396	-9.4	82	0.00
59 M	2-Hexanone	100.000	109.007	-9.0	82	0.00
60 S	4-Bromofluorobenzene	30.000	29.594	1.4	76	0.00
61 M	Tetrachloroethene	20.000	20.228	-1.1	80	0.00
62 M	Toluene	20.000	20.213	-1.1	78	0.00
63 S	Toluene-d8	30.000	29.595	1.4	76	0.00
64 M	Chlorobenzene	20.000	20.288	-1.4	77	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.769	6.2	71	0.00
66 M	Ethyl Benzene	20.000	20.306	-1.5	77	0.00
67 M	m/p-Xylenes	40.000	42.007	-5.0	78	0.00
68 M	o-Xylene	20.000	20.751	-3.8	77	0.00
69 M	Styrene	20.000	21.265	-6.3	78	0.00
70	Isopropylbenzene	20.000	21.115	-5.6	79	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.157	-5.8	80	0.00
72	1,2,3-Trichloropropane	20.000	21.023	-5.1	78	0.00
73	Bromobenzene	20.000	20.906	-4.5	78	0.00
74	n-propylbenzene	20.000	22.106	-10.5	83	0.00
75	2-Chlorotoluene	20.000	21.225	-6.1	79	0.00
76	1,3,5-Trimethylbenzene	20.000	21.351	-6.8	79	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.253	13.7	66	0.00
78	4-Chlorotoluene	20.000	21.236	-6.2	80	0.00
79	tert-butylbenzene	20.000	21.836	-9.2	81	0.00
80	1,2,4-Trimethylbenzene	20.000	21.588	-7.9	80	0.00
81	sec-Butylbenzene	20.000	22.698	-13.5	85	0.00
82	p-Isopropyltoluene	20.000	22.187	-10.9	83	0.00
83 M	1,3-Dichlorobenzene	20.000	21.531	-7.7	81	0.00
84 M	1,4-Dichlorobenzene	20.000	22.048	-10.2	82	0.00
85	n-Butylbenzene	20.000	22.671	-13.4	87	0.00
86 T	Hexachloroethane	20.000	19.568	2.2	75	0.00
87 M	1,2-Dichlorobenzene	20.000	21.733	-8.7	81	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.480	17.6	64	0.00
89	1,2,4-Trichlorobenzene	20.000	20.818	-4.1	82	0.00
90	Hexachlorobutadiene	20.000	21.894	-9.5	84	0.00
91 M	Naphthalene	20.000	20.190	-1.0	77	0.00
92	1,2,3-Trichlorobenzene	20.000	20.996	-5.0	80	0.00

(#) = Out of Range

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