

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043054.D
 Acq On : 08 Oct 2025 08:54
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 09 01:12:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	10.000	10.000	0.0	102	0.02
2 T	Dichlorodifluoromethane	10.000	9.965	0.4	108	0.00
3	Chlorodifluoromethane	10.000	9.816	1.8	107	0.00
4	Chloromethane	10.000	10.070	-0.7	109	0.00
5 T	Vinyl Chloride	10.000	9.817	1.8	108	0.00
6 T	Bromomethane	10.000	10.025	-0.3	108	0.00
7	Chloroethane	10.000	9.927	0.7	111	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.907	0.9	107	0.00
9 T	Propene	10.000	9.371	6.3	99	0.00
10 T	Heptane	10.000	10.984	-9.8	103	0.03
11 T	Trichlorofluoromethane	10.000	9.985	0.2	108	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.645	3.6	104	0.01
13	Ethanol	10.000	10.094	-0.9	101	0.00
14 T	Bromoethene	10.000	9.705	2.9	103	0.00
15 T	Acetone	10.000	8.754	12.5	109	0.00
16 T	1,3-Butadiene	10.000	9.892	1.1	108	0.00
17	tert-Butyl alcohol	10.000	9.587	4.1	105	0.00
18 T	1,1-Dichloroethene	10.000	9.634	3.7	102	0.00
19 T	Isopropyl Alcohol	10.000	9.194	8.1	104	0.00
20 T	Methylene Chloride	10.000	8.381	16.2	106	0.01
21 T	Allyl Chloride	10.000	9.789	2.1	106	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.600	4.0	104	0.01
23 T	Vinyl Acetate	10.000	7.721	22.8	96	0.02
24 T	1,1-Dichloroethane	10.000	9.822	1.8	107	0.01
25 T	Ethyl Acetate	10.000	10.207	-2.1	104	0.02
26 T	Hexane	10.000	10.535	-5.4	103	0.02
27 T	Carbon Disulfide	10.000	10.036	-0.4	107	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.198	8.0	96	0.01
29 T	Chloroform	10.000	9.734	2.7	103	0.02
30 T	Cyclohexane	10.000	10.388	-3.9	98	0.02
31 T	cis-1,2-Dichloroethene	10.000	9.582	4.2	96	0.02
32 T	1,1,1-Trichloroethane	10.000	9.516	4.8	100	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	94	0.02
34 T	2-Butanone	10.000	10.194	-1.9	99	0.02
35 T	Carbon Tetrachloride	10.000	10.157	-1.6	103	0.02
36 T	Benzene	10.000	10.606	-6.1	99	0.03
37 T	1,2-Dichloroethane	10.000	10.564	-5.6	102	0.02
38 T	Trichloroethene	10.000	10.606	-6.1	97	0.03
39 T	1,2-Dichloropropane	10.000	10.529	-5.3	100	0.03
40 T	1,4-Dioxane	10.000	10.609	-6.1	96	0.03
41 T	Tetrahydrofuran	10.000	11.173	-11.7	98	0.02
42 T	Bromodichloromethane	10.000	10.561	-5.6	100	0.03
43	Methyl Methacrylate	10.000	11.131	-11.3	94	0.04
44 T	2,2,4-Trimethylpentane	10.000	11.400	-14.0	103	0.03
45 T	t-1,3-Dichloropropene	10.000	10.275	-2.8	89	0.04
46 T	cis-1,3-Dichloropropene	10.000	10.684	-6.8	93	0.04
47 T	1,1,2-Trichloroethane	10.000	10.247	-2.5	101	0.04
48 T	Dibromochloromethane	10.000	10.490	-4.9	96	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	Bromoform	10.000	10.541	-5.4	95	0.03
50 T	4-Methyl-2-Pentanone	10.000	11.716	-17.2	100	0.04
51 T	2-Hexanone	10.000	12.373	-23.7	99	0.03
52 T	Tetrachloroethene	10.000	9.842	1.6	95	0.03
53 T	Toluene	10.000	11.344	-13.4	94	0.04
54 T	1,2-Dibromoethane	10.000	10.528	-5.3	96	0.03
55 I	Chlorobenzene-d5	10.000	10.000	0.0	90	0.03
56	1,1,1,2-Tetrachloroethane	10.000	10.662	-6.6	99	0.03
57 T	Chlorobenzene	10.000	10.467	-4.7	98	0.03
58 T	Ethyl Benzene	10.000	11.896	-19.0	95	0.02
59 T	m/p-Xylene	20.000	23.826	-19.1	97	0.03
60 T	o-Xylene	10.000	11.972	-19.7	98	0.02
61 T	Styrene	10.000	12.037	-20.4	89	0.03
62	Isopropylbenzene	10.000	11.588	-15.9	98	0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	10.198	-2.0	99	0.02
64	n-propylbenzene	10.000	11.774	-17.7	97	0.02
65	tert-Butylbenzene	10.000	11.561	-15.6	96	0.02
66 T	Benzyl Chloride	10.000	10.467	-4.7	93	0.02
67	sec-Butylbenzene	10.000	11.350	-13.5	96	0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	10.860	-8.6	96	0.02
69	p-Isopropyltoluene	10.000	11.550	-15.5	94	0.02
70	n-Butylbenzene	10.000	11.600	-16.0	92	0.02
71	2-Chlorotoluene	10.000	11.439	-14.4	94	0.02
72 T	4-Ethyltoluene	10.000	11.916	-19.2	95	0.02
73 T	1,3,5-Trimethylbenzene	10.000	11.476	-14.8	95	0.02
74 T	1,2,4-Trimethylbenzene	10.000	11.459	-14.6	96	0.02
75 T	1,3-Dichlorobenzene	10.000	10.249	-2.5	93	0.02
76 T	1,4-Dichlorobenzene	10.000	10.658	-6.6	93	0.02
77 T	1,2-Dichlorobenzene	10.000	9.920	0.8	94	0.02
78 T	Hexachloro-1,3-Butadiene	10.000	10.593	-5.9	101	0.02
79 T	Naphthalene	10.000	10.391	-3.9	94	0.02
80 T	Naphthalene,2-methyl-	10.000	8.485	15.2	80	0.02
81 T	1,2,4-Trichlorobenzene	10.000	13.050	-30.5#	99	0.02

(#) = Out of Range

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