

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112025\
 Data File : VL043257.D
 Acq On : 20 Nov 2025 10:14
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 21 00:33:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 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	98	0.00
2 T	Dichlorodifluoromethane	10.000	11.121	-11.2	114	0.00
3	Chlorodifluoromethane	10.000	10.259	-2.6	106	0.00
4	Chloromethane	10.000	10.035	-0.4	104	0.00
5 T	Vinyl Chloride	10.000	9.322	6.8	108	0.00
6 T	Bromomethane	10.000	9.621	3.8	104	0.00
7	Chloroethane	10.000	9.698	3.0	110	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.769	-7.7	113	0.00
9 T	Propene	10.000	9.202	8.0	106	0.00
10 T	Heptane	10.000	8.674	13.3	93	0.00
11 T	Trichlorofluoromethane	10.000	12.083	-20.8	130	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	11.553	-15.5	122	0.00
13	Ethanol	10.000	7.973	20.3	97	0.00
14 T	Bromoethene	10.000	10.897	-9.0	120	0.00
15 T	Acetone	10.000	8.547	14.5	113	0.00
16 T	1,3-Butadiene	10.000	9.794	2.1	108	0.00
17	tert-Butyl alcohol	10.000	9.372	6.3	98	0.00
18 T	1,1-Dichloroethene	10.000	10.857	-8.6	120	0.00
19 T	Isopropyl Alcohol	10.000	8.996	10.0	101	0.00
20 T	Methylene Chloride	10.000	11.659	-16.6	116	0.00
21 T	Allyl Chloride	10.000	8.720	12.8	94	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.711	-7.1	119	0.00
23 T	Vinyl Acetate	10.000	9.148	8.5	92	0.00
24 T	1,1-Dichloroethane	10.000	10.625	-6.3	112	0.00
25 T	Ethyl Acetate	10.000	9.287	7.1	99	0.00
26 T	Hexane	10.000	9.630	3.7	100	0.00
27 T	Carbon Disulfide	10.000	10.920	-9.2	114	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.352	-3.5	110	0.00
29 T	Chloroform	10.000	11.429	-14.3	117	0.00
30 T	Cyclohexane	10.000	9.685	3.1	102	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.277	-2.8	106	0.00
32 T	1,1,1-Trichloroethane	10.000	11.079	-10.8	114	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	97	0.00
34 T	2-Butanone	10.000	9.303	7.0	99	0.00
35 T	Carbon Tetrachloride	10.000	11.356	-13.6	118	0.00
36 T	Benzene	10.000	10.078	-0.8	104	0.00
37 T	1,2-Dichloroethane	10.000	11.229	-12.3	115	0.00
38 T	Trichloroethene	10.000	10.447	-4.5	108	0.00
39 T	1,2-Dichloropropane	10.000	9.571	4.3	97	0.00
40 T	1,4-Dioxane	10.000	8.418	15.8	90	0.00
41 T	Tetrahydrofuran	10.000	8.822	11.8	91	0.00
42 T	Bromodichloromethane	10.000	11.152	-11.5	112	0.00
43	Methyl Methacrylate	10.000	8.957	10.4	96	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.643	3.6	99	0.00
45 T	t-1,3-Dichloropropene	10.000	7.675	23.3	78	0.00
46 T	cis-1,3-Dichloropropene	10.000	7.989	20.1	81	0.00
47 T	1,1,2-Trichloroethane	10.000	10.190	-1.9	107	0.00
48 T	Dibromochloromethane	10.000	10.997	-10.0	110	0.00

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

49 T	Bromoform	10.000	10.994	-9.9	109	0.00
50 T	4-Methyl-2-Pentanone	10.000	8.688	13.1	89	0.00
51 T	2-Hexanone	10.000	8.097	19.0	83	0.00
52 T	Tetrachloroethene	10.000	10.097	-1.0	106	0.00
53 T	Toluene	10.000	9.604	4.0	98	0.00
54 T	1,2-Dibromoethane	10.000	9.684	3.2	98	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	95	0.00
56	1,1,1,2-Tetrachloroethane	10.000	10.787	-7.9	111	0.00
57 T	Chlorobenzene	10.000	10.333	-3.3	104	0.00
58 T	Ethyl Benzene	10.000	10.037	-0.4	101	0.00
59 T	m/p-Xylene	20.000	20.635	-3.2	105	0.00
60 T	o-Xylene	10.000	10.284	-2.8	106	0.00
61 T	Styrene	10.000	9.353	6.5	92	0.00
62	Isopropylbenzene	10.000	10.379	-3.8	106	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	9.817	1.8	103	0.00
64	n-propylbenzene	10.000	10.052	-0.5	103	0.00
65	tert-Butylbenzene	10.000	9.932	0.7	104	0.00
66 T	Benzyl Chloride	10.000	4.210	57.9#	41	0.00
67	sec-Butylbenzene	10.000	9.982	0.2	105	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.198	-2.0	97	0.00
69	p-Isopropyltoluene	10.000	9.886	1.1	103	0.00
70	n-Butylbenzene	10.000	9.948	0.5	101	0.00
71	2-Chlorotoluene	10.000	9.875	1.3	101	0.00
72 T	4-Ethyltoluene	10.000	10.147	-1.5	103	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.119	-1.2	104	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.095	-1.0	106	0.00
75 T	1,3-Dichlorobenzene	10.000	10.196	-2.0	104	0.00
76 T	1,4-Dichlorobenzene	10.000	10.117	-1.2	103	0.00
77 T	1,2-Dichlorobenzene	10.000	10.032	-0.3	105	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.604	4.0	107	0.00
79 T	Naphthalene	10.000	9.536	4.6	92	0.00
80 T	Naphthalene,2-methyl-	10.000	8.806	11.9	84	0.00
81 T	1,2,4-Trichlorobenzene	10.000	10.564	-5.6	101	0.00

(#) = Out of Range

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