

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
 Data File : VL043305.D
 Acq On : 08 Dec 2025 08:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 09 00:07:49 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	123	0.00
2 T	Dichlorodifluoromethane	10.000	10.644	-6.4	138	0.00
3	Chlorodifluoromethane	10.000	10.115	-1.2	131	0.00
4	Chloromethane	10.000	10.244	-2.4	133	0.00
5 T	Vinyl Chloride	10.000	9.124	8.8	133	0.00
6 T	Bromomethane	10.000	9.137	8.6	124	0.00
7	Chloroethane	10.000	9.648	3.5	138	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.433	-4.3	138	0.00
9 T	Propene	10.000	9.394	6.1	136	0.00
10 T	Heptane	10.000	9.444	5.6	127	0.00
11 T	Trichlorofluoromethane	10.000	11.385	-13.8	154	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	11.178	-11.8	149	0.00
13	Ethanol	10.000	8.220	17.8	126	0.00
14 T	Bromoethene	10.000	10.465	-4.6	146	0.00
15 T	Acetone	10.000	8.581	14.2	142	0.00
16 T	1,3-Butadiene	10.000	9.600	4.0	133	0.00
17	tert-Butyl alcohol	10.000	8.911	10.9	117	0.00
18 T	1,1-Dichloroethene	10.000	10.487	-4.9	145	0.00
19 T	Isopropyl Alcohol	10.000	8.327	16.7	118	0.00
20 T	Methylene Chloride	10.000	11.604	-16.0	145	0.00
21 T	Allyl Chloride	10.000	8.756	12.4	119	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.291	-2.9	144	0.00
23 T	Vinyl Acetate	10.000	9.424	5.8	120	0.00
24 T	1,1-Dichloroethane	10.000	10.334	-3.3	137	0.00
25 T	Ethyl Acetate	10.000	9.630	3.7	129	0.00
26 T	Hexane	10.000	9.897	1.0	130	0.00
27 T	Carbon Disulfide	10.000	10.878	-8.8	143	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.142	-1.4	136	0.00
29 T	Chloroform	10.000	11.610	-16.1	149	0.00
30 T	Cyclohexane	10.000	9.731	2.7	129	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.853	1.5	128	0.00
32 T	1,1,1-Trichloroethane	10.000	10.886	-8.9	142	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	113	0.00
34 T	2-Butanone	10.000	10.392	-3.9	128	0.00
35 T	Carbon Tetrachloride	10.000	12.149	-21.5	147	0.00
36 T	Benzene	10.000	11.074	-10.7	132	0.00
37 T	1,2-Dichloroethane	10.000	11.721	-17.2	139	0.00
38 T	Trichloroethene	10.000	11.309	-13.1	135	0.00
39 T	1,2-Dichloropropane	10.000	10.827	-8.3	128	0.00
40 T	1,4-Dioxane	10.000	8.836	11.6	110	0.00
41 T	Tetrahydrofuran	10.000	9.628	3.7	115	0.00
42 T	Bromodichloromethane	10.000	12.136	-21.4	142	0.00
43	Methyl Methacrylate	10.000	9.361	6.4	116	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.909	-9.1	130	0.00
45 T	t-1,3-Dichloropropene	10.000	7.729	22.7	91	0.00
46 T	cis-1,3-Dichloropropene	10.000	8.219	17.8	96	0.00
47 T	1,1,2-Trichloroethane	10.000	11.381	-13.8	139	0.00
48 T	Dibromochloromethane	10.000	11.753	-17.5	137	0.00

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

49 T	Bromoform	10.000	12.018	-20.2	138	0.00
50 T	4-Methyl-2-Pentanone	10.000	9.749	2.5	116	0.00
51 T	2-Hexanone	10.000	8.905	11.0	106	0.00
52 T	Tetrachloroethene	10.000	10.813	-8.1	132	0.00
53 T	Toluene	10.000	10.165	-1.6	121	0.00
54 T	1,2-Dibromoethane	10.000	10.583	-5.8	124	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	10.000	12.819	-28.2	146	0.00
57 T	Chlorobenzene	10.000	11.943	-19.4	133	0.00
58 T	Ethyl Benzene	10.000	11.146	-11.5	123	0.00
59 T	m/p-Xylene	20.000	23.631	-18.2	133	-0.02
60 T	o-Xylene	10.000	11.799	-18.0	134	0.00
61 T	Styrene	10.000	10.061	-0.6	110	0.00
62	Isopropylbenzene	10.000	11.744	-17.4	133	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	12.020	-20.2	139	0.00
64	n-propylbenzene	10.000	11.779	-17.8	133	0.00
65	tert-Butylbenzene	10.000	11.455	-14.6	133	0.00
66 T	Benzyl Chloride	10.000	5.035	49.6#	55	0.00
67	sec-Butylbenzene	10.000	11.615	-16.2	135	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.269	-2.7	107	0.00
69	p-Isopropyltoluene	10.000	11.330	-13.3	130	0.00
70	n-Butylbenzene	10.000	11.231	-12.3	126	0.00
71	2-Chlorotoluene	10.000	11.289	-12.9	128	0.00
72 T	4-Ethyltoluene	10.000	11.678	-16.8	131	0.00
73 T	1,3,5-Trimethylbenzene	10.000	11.503	-15.0	130	0.00
74 T	1,2,4-Trimethylbenzene	10.000	11.800	-18.0	137	0.00
75 T	1,3-Dichlorobenzene	10.000	12.092	-20.9	136	0.00
76 T	1,4-Dichlorobenzene	10.000	12.074	-20.7	135	0.00
77 T	1,2-Dichlorobenzene	10.000	12.068	-20.7	140	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	11.143	-11.4	137	0.00
79 T	Naphthalene	10.000	10.733	-7.3	115	0.00
80 T	Naphthalene,2-methyl-	10.000	9.302	7.0	99	0.00
81 T	1,2,4-Trichlorobenzene	10.000	12.024	-20.2	127	0.00

(#) = Out of Range

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