

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100925\
 Data File : VL043079.D
 Acq On : 09 Oct 2025 09:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 09 22:11:22 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	113	0.00
2 T	Dichlorodifluoromethane	10.000	9.246	7.5	111	0.00
3	Chlorodifluoromethane	10.000	9.148	8.5	110	0.00
4	Chloromethane	10.000	9.256	7.4	111	0.00
5 T	Vinyl Chloride	10.000	9.221	7.8	113	0.00
6 T	Bromomethane	10.000	9.353	6.5	112	0.00
7	Chloroethane	10.000	9.167	8.3	113	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.324	6.8	112	0.00
9 T	Propene	10.000	9.052	9.5	106	0.00
10 T	Heptane	10.000	10.276	-2.8	106	0.00
11 T	Trichlorofluoromethane	10.000	9.170	8.3	110	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.187	8.1	110	0.00
13	Ethanol	10.000	9.977	0.2	111	0.00
14 T	Bromoethene	10.000	9.370	6.3	110	0.00
15 T	Acetone	10.000	8.325	16.8	115	0.00
16 T	1,3-Butadiene	10.000	9.207	7.9	112	0.00
17	tert-Butyl alcohol	10.000	9.295	7.1	113	0.00
18 T	1,1-Dichloroethene	10.000	9.221	7.8	108	0.00
19 T	Isopropyl Alcohol	10.000	8.953	10.5	112	0.00
20 T	Methylene Chloride	10.000	7.824	21.8	110	0.00
21 T	Allyl Chloride	10.000	9.310	6.9	112	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.138	8.6	110	0.00
23 T	Vinyl Acetate	10.000	8.531	14.7	117	0.00
24 T	1,1-Dichloroethane	10.000	9.276	7.2	112	0.00
25 T	Ethyl Acetate	10.000	9.701	3.0	109	0.00
26 T	Hexane	10.000	9.819	1.8	107	0.00
27 T	Carbon Disulfide	10.000	9.347	6.5	110	0.00
28 T	Methyl tert-Butyl Ether	10.000	8.958	10.4	104	0.00
29 T	Chloroform	10.000	9.124	8.8	107	0.00
30 T	Cyclohexane	10.000	9.837	1.6	103	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.110	8.9	102	0.00
32 T	1,1,1-Trichloroethane	10.000	8.946	10.5	104	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	109	0.00
34 T	2-Butanone	10.000	9.558	4.4	108	0.00
35 T	Carbon Tetrachloride	10.000	9.026	9.7	106	0.00
36 T	Benzene	10.000	9.631	3.7	104	0.00
37 T	1,2-Dichloroethane	10.000	9.413	5.9	106	0.00
38 T	Trichloroethene	10.000	9.648	3.5	102	0.00
39 T	1,2-Dichloropropane	10.000	9.512	4.9	105	0.00
40 T	1,4-Dioxane	10.000	9.944	0.6	105	0.00
41 T	Tetrahydrofuran	10.000	10.344	-3.4	105	0.00
42 T	Bromodichloromethane	10.000	9.550	4.5	105	0.00
43	Methyl Methacrylate	10.000	10.211	-2.1	100	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.175	-1.8	106	0.00
45 T	t-1,3-Dichloropropene	10.000	9.456	5.4	95	0.00
46 T	cis-1,3-Dichloropropene	10.000	9.690	3.1	98	0.00
47 T	1,1,2-Trichloroethane	10.000	9.375	6.3	107	0.00
48 T	Dibromochloromethane	10.000	9.590	4.1	101	0.00

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

49 T	Bromoform	10.000	10.029	-0.3	105	0.00
50 T	4-Methyl-2-Pentanone	10.000	10.601	-6.0	105	0.00
51 T	2-Hexanone	10.000	11.318	-13.2	104	0.00
52 T	Tetrachloroethene	10.000	8.980	10.2	100	0.00
53 T	Toluene	10.000	10.261	-2.6	99	0.00
54 T	1,2-Dibromoethane	10.000	9.743	2.6	103	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	111	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.176	8.2	105	0.00
57 T	Chlorobenzene	10.000	9.043	9.6	105	0.00
58 T	Ethyl Benzene	10.000	10.241	-2.4	100	0.00
59 T	m/p-Xylene	20.000	20.570	-2.9	104	0.00
60 T	o-Xylene	10.000	10.327	-3.3	104	0.00
61 T	Styrene	10.000	10.497	-5.0	96	0.00
62	Isopropylbenzene	10.000	10.064	-0.6	104	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	9.238	7.6	110	0.00
64	n-propylbenzene	10.000	10.492	-4.9	106	0.00
65	tert-Butylbenzene	10.000	10.296	-3.0	106	0.00
66 T	Benzyl Chloride	10.000	10.197	-2.0	112	0.00
67	sec-Butylbenzene	10.000	10.131	-1.3	105	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	11.481	-14.8	125	0.00
69	p-Isopropyltoluene	10.000	10.387	-3.9	104	0.00
70	n-Butylbenzene	10.000	10.608	-6.1	103	0.00
71	2-Chlorotoluene	10.000	10.103	-1.0	103	0.00
72 T	4-Ethyltoluene	10.000	10.561	-5.6	104	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.273	-2.7	104	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.315	-3.1	106	0.00
75 T	1,3-Dichlorobenzene	10.000	9.506	4.9	106	0.00
76 T	1,4-Dichlorobenzene	10.000	9.940	0.6	107	0.00
77 T	1,2-Dichlorobenzene	10.000	9.168	8.3	107	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	8.838	11.6	104	0.00
79 T	Naphthalene	10.000	9.050	9.5	99	0.00
80 T	Naphthalene,2-methyl-	10.000	7.599	24.0	87	0.00
81 T	1,2,4-Trichlorobenzene	10.000	10.671	-6.7	99	0.00

(#) = Out of Range

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