

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101425\
 Data File : VL043112.D
 Acq On : 14 Oct 2025 14:51
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101425

Quant Time: Oct 15 02:14:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 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	94	0.00
2 T	Dichlorodifluoromethane	10.000	9.425	5.7	98	0.00
3	Chlorodifluoromethane	10.000	9.260	7.4	92	0.00
4	Chloromethane	10.000	8.867	11.3	94	0.00
5 T	Vinyl Chloride	10.000	8.722	12.8	94	0.00
6 T	Bromomethane	10.000	8.901	11.0	97	0.00
7	Chloroethane	10.000	8.685	13.1	96	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.558	4.4	99	0.00
9 T	Propene	10.000	8.908	10.9	87	0.00
10 T	Heptane	10.000	8.629	13.7	88	0.00
11 T	Trichlorofluoromethane	10.000	9.762	2.4	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.380	6.2	101	0.00
13	Ethanol	10.000	7.173	28.3	88	0.00
14 T	Bromoethene	10.000	9.324	6.8	98	0.00
15 T	Acetone	10.000	8.214	17.9	95	0.00
16 T	1,3-Butadiene	10.000	8.855	11.4	97	0.00
17	tert-Butyl alcohol	10.000	9.012	9.9	93	0.00
18 T	1,1-Dichloroethene	10.000	9.774	2.3	102	0.00
19 T	Isopropyl Alcohol	10.000	8.248	17.5	90	0.00
20 T	Methylene Chloride	10.000	7.757	22.4	96	0.00
21 T	Allyl Chloride	10.000	9.181	8.2	94	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.011	9.9	97	0.00
23 T	Vinyl Acetate	10.000	9.621	3.8	110	0.00
24 T	1,1-Dichloroethane	10.000	9.355	6.4	96	0.00
25 T	Ethyl Acetate	10.000	8.966	10.3	90	0.00
26 T	Hexane	10.000	9.015	9.8	93	0.00
27 T	Carbon Disulfide	10.000	9.520	4.8	96	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.839	1.6	110	0.00
29 T	Chloroform	10.000	9.412	5.9	97	0.00
30 T	Cyclohexane	10.000	9.096	9.0	95	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.580	4.2	94	0.00
32 T	1,1,1-Trichloroethane	10.000	9.666	3.3	99	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	95	0.00
34 T	2-Butanone	10.000	8.624	13.8	91	0.00
35 T	Carbon Tetrachloride	10.000	9.298	7.0	98	0.00
36 T	Benzene	10.000	9.077	9.2	94	0.00
37 T	1,2-Dichloroethane	10.000	9.156	8.4	97	0.00
38 T	Trichloroethene	10.000	8.453	15.5	93	0.00
39 T	1,2-Dichloropropane	10.000	8.971	10.3	93	0.00
40 T	1,4-Dioxane	10.000	8.265	17.3	86	0.00
41 T	Tetrahydrofuran	10.000	8.553	14.5	89	0.00
42 T	Bromodichloromethane	10.000	9.336	6.6	96	0.00
43	Methyl Methacrylate	10.000	8.898	11.0	90	0.00
44 T	2,2,4-Trimethylpentane	10.000	8.738	12.6	91	0.00
45 T	t-1,3-Dichloropropene	10.000	9.146	8.5	91	0.00
46 T	cis-1,3-Dichloropropene	10.000	9.106	8.9	91	0.00
47 T	1,1,2-Trichloroethane	10.000	9.000	10.0	94	0.00
48 T	Dibromochloromethane	10.000	9.127	8.7	92	0.00

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

49 T	Bromoform	10.000	8.980	10.2	89	0.00
50 T	4-Methyl-2-Pentanone	10.000	8.709	12.9	88	0.00
51 T	2-Hexanone	10.000	8.999	10.0	86	0.00
52 T	Tetrachloroethene	10.000	8.681	13.2	90	0.00
53 T	Toluene	10.000	8.928	10.7	92	0.00
54 T	1,2-Dibromoethane	10.000	8.856	11.4	92	0.00

55 I	Chlorobenzene-d5	10.000	10.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.031	9.7	91	0.00
57 T	Chlorobenzene	10.000	8.770	12.3	91	0.00
58 T	Ethyl Benzene	10.000	8.990	10.1	91	0.00
59 T	m/p-Xylene	20.000	17.913	10.4	93	0.02
60 T	o-Xylene	10.000	8.834	11.7	92	0.00
61 T	Styrene	10.000	9.099	9.0	91	0.00
62	Isopropylbenzene	10.000	8.726	12.7	90	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.177	18.2	90	0.00
64	n-propylbenzene	10.000	8.503	15.0	88	0.00
65	tert-Butylbenzene	10.000	8.464	15.4	91	0.00
66 T	Benzyl Chloride	10.000	8.306	16.9	78	0.00
67	sec-Butylbenzene	10.000	8.541	14.6	91	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.101	-1.0	95	0.00
69	p-Isopropyltoluene	10.000	8.411	15.9	89	0.00
70	n-Butylbenzene	10.000	8.579	14.2	89	0.00
71	2-Chlorotoluene	10.000	8.828	11.7	91	0.00
72 T	4-Ethyltoluene	10.000	8.807	11.9	90	0.00
73 T	1,3,5-Trimethylbenzene	10.000	8.874	11.3	91	0.00
74 T	1,2,4-Trimethylbenzene	10.000	8.324	16.8	90	0.00
75 T	1,3-Dichlorobenzene	10.000	8.454	15.5	87	0.00
76 T	1,4-Dichlorobenzene	10.000	8.458	15.4	87	0.00
77 T	1,2-Dichlorobenzene	10.000	8.132	18.7	86	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	7.440	25.6	84	0.00
79 T	Naphthalene	10.000	8.334	16.7	80	0.00
80 T	Naphthalene,2-methyl-	10.000	10.146	-1.5	84	0.00
81 T	1,2,4-Trichlorobenzene	10.000	8.373	16.3	82	0.00

(#) = Out of Range

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