

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101525\
 Data File : VL043114.D
 Acq On : 15 Oct 2025 08:43
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 16 01:13:46 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	9.627	3.7	101	0.00
3	Chlorodifluoromethane	10.000	8.996	10.0	90	0.00
4	Chloromethane	10.000	8.801	12.0	94	0.00
5 T	Vinyl Chloride	10.000	8.871	11.3	96	0.00
6 T	Bromomethane	10.000	9.278	7.2	102	0.00
7	Chloroethane	10.000	8.627	13.7	96	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.685	3.1	101	0.00
9 T	Propene	10.000	8.436	15.6	83	0.00
10 T	Heptane	10.000	8.423	15.8	87	0.00
11 T	Trichlorofluoromethane	10.000	10.460	-4.6	111	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.930	0.7	108	0.00
13	Ethanol	10.000	7.411	25.9	92	0.00
14 T	Bromoethene	10.000	9.804	2.0	104	0.00
15 T	Acetone	10.000	8.539	14.6	100	0.00
16 T	1,3-Butadiene	10.000	8.944	10.6	98	0.00
17	tert-Butyl alcohol	10.000	9.621	3.8	100	0.00
18 T	1,1-Dichloroethene	10.000	10.131	-1.3	107	0.00
19 T	Isopropyl Alcohol	10.000	8.781	12.2	96	0.00
20 T	Methylene Chloride	10.000	8.183	18.2	101	0.00
21 T	Allyl Chloride	10.000	9.338	6.6	96	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.681	3.2	104	0.00
23 T	Vinyl Acetate	10.000	9.216	7.8	106	0.00
24 T	1,1-Dichloroethane	10.000	9.847	1.5	102	0.00
25 T	Ethyl Acetate	10.000	8.848	11.5	89	0.00
26 T	Hexane	10.000	8.766	12.3	91	0.00
27 T	Carbon Disulfide	10.000	9.810	1.9	99	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.290	7.1	105	0.00
29 T	Chloroform	10.000	9.458	5.4	98	0.00
30 T	Cyclohexane	10.000	8.872	11.3	93	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.551	4.5	94	0.00
32 T	1,1,1-Trichloroethane	10.000	9.688	3.1	100	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	92	0.00
34 T	2-Butanone	10.000	8.917	10.8	91	0.00
35 T	Carbon Tetrachloride	10.000	9.702	3.0	99	0.00
36 T	Benzene	10.000	9.405	6.0	94	0.00
37 T	1,2-Dichloroethane	10.000	9.506	4.9	98	0.00
38 T	Trichloroethene	10.000	8.597	14.0	91	0.00
39 T	1,2-Dichloropropane	10.000	9.057	9.4	91	0.00
40 T	1,4-Dioxane	10.000	9.142	8.6	92	0.00
41 T	Tetrahydrofuran	10.000	8.646	13.5	88	0.00
42 T	Bromodichloromethane	10.000	9.731	2.7	97	0.00
43	Methyl Methacrylate	10.000	9.107	8.9	89	0.00
44 T	2,2,4-Trimethylpentane	10.000	8.854	11.5	89	0.00
45 T	t-1,3-Dichloropropene	10.000	9.477	5.2	91	0.00
46 T	cis-1,3-Dichloropropene	10.000	9.306	6.9	90	0.00
47 T	1,1,2-Trichloroethane	10.000	9.145	8.6	93	0.00
48 T	Dibromochloromethane	10.000	9.504	5.0	93	0.00

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

49 T	Bromoform	10.000	9.523	4.8	91	0.00
50 T	4-Methyl-2-Pentanone	10.000	8.734	12.7	86	0.00
51 T	2-Hexanone	10.000	9.057	9.4	84	0.00
52 T	Tetrachloroethene	10.000	8.820	11.8	89	0.00
53 T	Toluene	10.000	9.007	9.9	90	0.00
54 T	1,2-Dibromoethane	10.000	9.181	8.2	93	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.073	9.3	90	0.00
57 T	Chlorobenzene	10.000	8.750	12.5	90	0.00
58 T	Ethyl Benzene	10.000	9.043	9.6	91	0.00
59 T	m/p-Xylene	20.000	17.839	10.8	92	0.02
60 T	o-Xylene	10.000	8.831	11.7	91	0.00
61 T	Styrene	10.000	8.997	10.0	89	0.00
62	Isopropylbenzene	10.000	8.784	12.2	89	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.399	16.0	91	0.00
64	n-propylbenzene	10.000	8.652	13.5	89	0.00
65	tert-Butylbenzene	10.000	8.430	15.7	89	0.00
66 T	Benzyl Chloride	10.000	8.583	14.2	80	0.00
67	sec-Butylbenzene	10.000	8.600	14.0	91	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.118	-1.2	94	0.00
69	p-Isopropyltoluene	10.000	8.513	14.9	89	0.00
70	n-Butylbenzene	10.000	8.825	11.8	91	0.00
71	2-Chlorotoluene	10.000	8.976	10.2	92	0.00
72 T	4-Ethyltoluene	10.000	8.896	11.0	90	0.00
73 T	1,3,5-Trimethylbenzene	10.000	8.945	10.5	91	0.00
74 T	1,2,4-Trimethylbenzene	10.000	8.537	14.6	92	0.00
75 T	1,3-Dichlorobenzene	10.000	8.587	14.1	87	0.00
76 T	1,4-Dichlorobenzene	10.000	8.750	12.5	89	0.00
77 T	1,2-Dichlorobenzene	10.000	8.460	15.4	89	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	7.784	22.2	87	0.00
79 T	Naphthalene	10.000	9.238	7.6	88	0.00
80 T	Naphthalene,2-methyl-	10.000	10.225	-2.2	83	0.00
81 T	1,2,4-Trichlorobenzene	10.000	8.789	12.1	86	0.00

(#) = Out of Range

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