

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101725\
 Data File : VL043131.D
 Acq On : 17 Oct 2025 08:24
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 18 04:29:33 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	84	0.00
2 T	Dichlorodifluoromethane	1.422	1.605	-12.9	106	0.00
3	Chlorodifluoromethane	1.538	1.497	2.7	87	0.00
4	Chloromethane	0.563	0.550	2.3	93	0.00
5 T	Vinyl Chloride	0.552	0.553	-0.2	97	0.00
6 T	Bromomethane	0.303	0.318	-5.0	103	0.00
7	Chloroethane	0.226	0.228	-0.9	100	0.00
8 T	Dichlorotetrafluoroethane	1.149	1.274	-10.9	103	0.00
9 T	Propene	0.682	0.533	21.8	69	0.00
10 T	Heptane	1.964	1.556	20.8	73	0.00
11 T	Trichlorofluoromethane	1.391	1.689	-21.4	115	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.120	1.284	-14.6	111	0.00
13	Ethanol	0.252	0.196	22.2	86	0.00
14 T	Bromoethene	0.416	0.455	-9.4	103	0.00
15 T	Acetone	1.348	1.285	4.7	99	0.00
16 T	1,3-Butadiene	0.642	0.620	3.4	95	0.00
17	tert-Butyl alcohol	1.850	1.948	-5.3	97	0.00
18 T	1,1-Dichloroethene	0.488	0.552	-13.1	107	0.00
19 T	Isopropyl Alcohol	0.839	0.802	4.4	93	0.00
20 T	Methylene Chloride	0.533	0.487	8.6	101	0.00
21 T	Allyl Chloride	0.993	1.005	-1.2	93	0.00
22 T	trans-1,2-Dichloroethene	0.583	0.643	-10.3	106	0.00
23 T	Vinyl Acetate	1.974	1.859	5.8	97	0.00
24 T	1,1-Dichloroethane	1.127	1.235	-9.6	101	0.00
25 T	Ethyl Acetate	3.342	2.976	11.0	80	0.00
26 T	Hexane	1.540	1.404	8.8	84	0.00
27 T	Carbon Disulfide	1.411	1.547	-9.6	99	0.00
28 T	Methyl tert-Butyl Ether	0.701	0.701	0.0	101	0.00
29 T	Chloroform	2.232	2.429	-8.8	101	0.00
30 T	Cyclohexane	1.344	1.202	10.6	83	0.00
31 T	cis-1,2-Dichloroethene	1.471	1.528	-3.9	92	0.00
32 T	1,1,1-Trichloroethane	2.324	2.547	-9.6	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
34 T	2-Butanone	0.672	0.621	7.6	83	0.00
35 T	Carbon Tetrachloride	0.719	0.834	-16.0	104	0.00
36 T	Benzene	0.942	0.907	3.7	84	0.00
37 T	1,2-Dichloroethane	0.543	0.622	-14.5	104	0.00
38 T	Trichloroethene	0.393	0.352	10.4	83	0.00
39 T	1,2-Dichloropropane	0.344	0.314	8.7	80	0.00
40 T	1,4-Dioxane	0.154	0.138	10.4	79	0.00
41 T	Tetrahydrofuran	0.376	0.315	16.2	74	0.00
42 T	Bromodichloromethane	0.751	0.835	-11.2	97	0.00
43	Methyl Methacrylate	0.478	0.448	6.3	80	0.00
44 T	2,2,4-Trimethylpentane	1.589	1.437	9.6	79	0.00
45 T	t-1,3-Dichloropropene	0.480	0.489	-1.9	86	0.00
46 T	cis-1,3-Dichloropropene	0.573	0.555	3.1	82	0.00
47 T	1,1,2-Trichloroethane	0.372	0.360	3.2	86	0.00
48 T	Dibromochloromethane	0.622	0.653	-5.0	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.505	0.524	-3.8	87	0.00
50 T	4-Methyl-2-Pentanone	0.928	0.803	13.5	74	0.00
51 T	2-Hexanone	0.696	0.600	13.8	70	0.00
52 T	Tetrachloroethene	0.340	0.308	9.4	80	0.00
53 T	Toluene	1.118	1.022	8.6	80	0.00
54 T	1,2-Dibromoethane	0.582	0.561	3.6	85	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
56	1,1,1,2-Tetrachloroethane	0.630	0.664	-5.4	87	0.00
57 T	Chlorobenzene	0.936	0.904	3.4	83	0.00
58 T	Ethyl Benzene	1.716	1.705	0.6	83	0.00
59 T	m/p-Xylene	1.369	1.383	-1.0	87	0.02
60 T	o-Xylene	1.352	1.358	-0.4	86	0.00
61 T	Styrene	0.610	0.582	4.6	78	0.00
62	Isopropylbenzene	2.443	2.468	-1.0	85	0.00
63 T	1,1,2,2-Tetrachloroethane	0.905	0.841	7.1	84	0.00
64	n-propylbenzene	0.647	0.613	5.3	81	0.00
65	tert-Butylbenzene	2.157	2.076	3.8	85	0.00
66 T	Benzyl Chloride	0.240	0.215	10.4	69	0.00
67	sec-Butylbenzene	3.062	3.005	1.9	86	0.00
68 S	1-Bromo-4-Fluorobenzene	0.777	0.834	-7.3	83	0.00
69	p-Isopropyltoluene	2.602	2.514	3.4	84	0.00
70	n-Butylbenzene	2.564	2.563	0.0	86	0.00
71	2-Chlorotoluene	1.863	1.848	0.8	84	0.00
72 T	4-Ethyltoluene	1.662	1.669	-0.4	85	0.00
73 T	1,3,5-Trimethylbenzene	1.371	1.398	-2.0	86	0.00
74 T	1,2,4-Trimethylbenzene	1.534	1.502	2.1	88	0.00
75 T	1,3-Dichlorobenzene	0.890	0.865	2.8	82	0.00
76 T	1,4-Dichlorobenzene	0.897	0.874	2.6	82	0.00
77 T	1,2-Dichlorobenzene	0.861	0.814	5.5	82	0.00
78 T	Hexachloro-1,3-Butadiene	0.667	0.569	14.7	79	0.00
79 T	Naphthalene	1.604	1.490	7.1	73	0.00
80 T	Naphthalene,2-methyl-	0.418	0.456	-9.1	74	0.00
81 T	1,2,4-Trichlorobenzene	0.666	0.625	6.2	76	0.00

(#) = Out of Range

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