

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043054.D
 Acq On : 08 Oct 2025 08:54
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 09 01:12:11 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	102	0.02
2 T	Dichlorodifluoromethane	1.685	1.680	0.3	108	0.00
3	Chlorodifluoromethane	1.630	1.600	1.8	107	0.00
4	Chloromethane	0.616	0.620	-0.6	109	0.00
5 T	Vinyl Chloride	0.584	0.574	1.7	108	0.00
6 T	Bromomethane	0.263	0.263	0.0	108	0.00
7	Chloroethane	0.244	0.242	0.8	111	0.00
8 T	Dichlorotetrafluoroethane	1.381	1.368	0.9	107	0.00
9 T	Propene	0.657	0.616	6.2	99	0.00
10 T	Heptane	1.616	1.775	-9.8	103	0.03
11 T	Trichlorofluoromethane	1.732	1.729	0.2	108	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.364	1.316	3.5	104	0.01
13	Ethanol	0.045	0.027#	40.0#	101	0.00
14 T	Bromoethene	0.489	0.475	2.9	103	0.00
15 T	Acetone	1.400	1.226	12.4	109	0.00
16 T	1,3-Butadiene	0.577	0.571	1.0	108	0.00
17	tert-Butyl alcohol	1.481	1.420	4.1	105	0.00
18 T	1,1-Dichloroethene	0.598	0.576	3.7	102	0.00
19 T	Isopropyl Alcohol	0.671	0.617	8.0	104	0.00
20 T	Methylene Chloride	0.611	0.512	16.2	106	0.01
21 T	Allyl Chloride	0.897	0.878	2.1	106	0.00
22 T	trans-1,2-Dichloroethene	0.679	0.652	4.0	104	0.01
23 T	Vinyl Acetate	0.297	0.230	22.6	96	0.02
24 T	1,1-Dichloroethane	1.287	1.264	1.8	107	0.01
25 T	Ethyl Acetate	3.513	3.585	-2.0	104	0.02
26 T	Hexane	1.351	1.423	-5.3	103	0.02
27 T	Carbon Disulfide	1.595	1.601	-0.4	107	0.00
28 T	Methyl tert-Butyl Ether	0.846	0.778	8.0	96	0.01
29 T	Chloroform	2.304	2.242	2.7	103	0.02
30 T	Cyclohexane	1.110	1.153	-3.9	98	0.02
31 T	cis-1,2-Dichloroethene	1.389	1.331	4.2	96	0.02
32 T	1,1,1-Trichloroethane	2.239	2.130	4.9	100	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.02
34 T	2-Butanone	0.679	0.692	-1.9	99	0.02
35 T	Carbon Tetrachloride	0.823	0.836	-1.6	103	0.02
36 T	Benzene	0.955	1.013	-6.1	99	0.03
37 T	1,2-Dichloroethane	0.566	0.598	-5.7	102	0.02
38 T	Trichloroethene	0.398	0.422	-6.0	97	0.03
39 T	1,2-Dichloropropane	0.354	0.373	-5.4	100	0.03
40 T	1,4-Dioxane	0.152	0.161	-5.9	96	0.03
41 T	Tetrahydrofuran	0.351	0.392	-11.7	98	0.02
42 T	Bromodichloromethane	0.799	0.844	-5.6	100	0.03
43	Methyl Methacrylate	0.317	0.353	-11.4	94	0.04
44 T	2,2,4-Trimethylpentane	1.533	1.748	-14.0	103	0.03
45 T	t-1,3-Dichloropropene	0.290	0.298	-2.8	89	0.04
46 T	cis-1,3-Dichloropropene	0.409	0.437	-6.8	93	0.04
47 T	1,1,2-Trichloroethane	0.394	0.404	-2.5	101	0.04
48 T	Dibromochloromethane	0.643	0.674	-4.8	96	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.537	0.566	-5.4	95	0.03
50 T	4-Methyl-2-Pentanone	0.827	0.969	-17.2	100	0.04
51 T	2-Hexanone	0.589	0.729	-23.8	99	0.03
52 T	Tetrachloroethene	0.354	0.348	1.7	95	0.03
53 T	Toluene	0.965	1.094	-13.4	94	0.04
54 T	1,2-Dibromoethane	0.467	0.492	-5.4	96	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.03
56	1,1,1,2-Tetrachloroethane	0.610	0.650	-6.6	99	0.03
57 T	Chlorobenzene	1.057	1.107	-4.7	98	0.03
58 T	Ethyl Benzene	1.549	1.843	-19.0	95	0.02
59 T	m/p-Xylene	1.307	1.557	-19.1	97	0.03
60 T	o-Xylene	1.302	1.558	-19.7	98	0.02
61 T	Styrene	0.545	0.656	-20.4	89	0.03
62	Isopropylbenzene	1.998	2.315	-15.9	98	0.02
63 T	1,1,2,2-Tetrachloroethane	0.934	0.952	-1.9	99	0.02
64	n-propylbenzene	0.511	0.602	-17.8	97	0.02
65	tert-Butylbenzene	1.778	2.056	-15.6	96	0.02
66 T	Benzyl Chloride	0.068	0.071	-4.4	93	0.02
67	sec-Butylbenzene	2.482	2.817	-13.5	96	0.02
68 S	1-Bromo-4-Fluorobenzene	0.720	0.782	-8.6	96	0.02
69	p-Isopropyltoluene	2.019	2.332	-15.5	94	0.02
70	n-Butylbenzene	1.944	2.255	-16.0	92	0.02
71	2-Chlorotoluene	1.446	1.654	-14.4	94	0.02
72 T	4-Ethyltoluene	1.549	1.846	-19.2	95	0.02
73 T	1,3,5-Trimethylbenzene	1.340	1.538	-14.8	95	0.02
74 T	1,2,4-Trimethylbenzene	1.513	1.733	-14.5	96	0.02
75 T	1,3-Dichlorobenzene	0.984	1.008	-2.4	93	0.02
76 T	1,4-Dichlorobenzene	0.938	1.000	-6.6	93	0.02
77 T	1,2-Dichlorobenzene	0.980	0.972	0.8	94	0.02
78 T	Hexachloro-1,3-Butadiene	0.683	0.723	-5.9	101	0.02
79 T	Naphthalene	0.903	1.337	-48.1#	94	0.02
80 T	Naphthalene,2-methyl-	0.457	0.502	-9.8	80	0.02
81 T	1,2,4-Trichlorobenzene	0.583	0.761	-30.5#	99	0.02

(#) = Out of Range

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