

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100625\
 Data File : VL043044.D
 Acq On : 06 Oct 2025 08:38
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 07 01:32:06 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	103	0.00
2 T	Dichlorodifluoromethane	1.685	1.584	6.0	103	0.00
3	Chlorodifluoromethane	1.630	1.554	4.7	105	0.00
4	Chloromethane	0.616	0.590	4.2	106	0.00
5 T	Vinyl Chloride	0.584	0.538	7.9	103	0.00
6 T	Bromomethane	0.263	0.252	4.2	105	0.00
7	Chloroethane	0.244	0.226	7.4	105	0.00
8 T	Dichlorotetrafluoroethane	1.381	1.298	6.0	103	0.00
9 T	Propene	0.657	0.601	8.5	98	0.00
10 T	Heptane	1.616	1.759	-8.8	103	0.01
11 T	Trichlorofluoromethane	1.732	1.612	6.9	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.364	1.260	7.6	101	0.00
13	Ethanol	0.045	0.028#	37.8#	104	0.00
14 T	Bromoethene	0.489	0.460	5.9	101	0.00
15 T	Acetone	1.400	1.166	16.7	105	0.00
16 T	1,3-Butadiene	0.577	0.543	5.9	104	0.00
17	tert-Butyl alcohol	1.481	1.391	6.1	104	0.00
18 T	1,1-Dichloroethene	0.598	0.554	7.4	99	0.00
19 T	Isopropyl Alcohol	0.671	0.623	7.2	107	0.00
20 T	Methylene Chloride	0.611	0.492	19.5	104	0.00
21 T	Allyl Chloride	0.897	0.850	5.2	104	0.00
22 T	trans-1,2-Dichloroethene	0.679	0.622	8.4	101	0.00
23 T	Vinyl Acetate	0.297	0.269	9.4	114	0.00
24 T	1,1-Dichloroethane	1.287	1.201	6.7	103	0.00
25 T	Ethyl Acetate	3.513	3.522	-0.3	103	0.00
26 T	Hexane	1.351	1.380	-2.1	102	0.00
27 T	Carbon Disulfide	1.595	1.531	4.0	104	0.00
28 T	Methyl tert-Butyl Ether	0.846	0.802	5.2	101	0.00
29 T	Chloroform	2.304	2.175	5.6	102	0.00
30 T	Cyclohexane	1.110	1.151	-3.7	100	0.00
31 T	cis-1,2-Dichloroethene	1.389	1.346	3.1	99	0.00
32 T	1,1,1-Trichloroethane	2.239	2.119	5.4	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.679	0.675	0.6	102	0.00
35 T	Carbon Tetrachloride	0.823	0.791	3.9	102	0.00
36 T	Benzene	0.955	0.974	-2.0	100	0.00
37 T	1,2-Dichloroethane	0.566	0.570	-0.7	103	0.00
38 T	Trichloroethene	0.398	0.407	-2.3	98	0.00
39 T	1,2-Dichloropropane	0.354	0.357	-0.8	101	0.00
40 T	1,4-Dioxane	0.152	0.160	-5.3	100	0.01
41 T	Tetrahydrofuran	0.351	0.385	-9.7	101	0.00
42 T	Bromodichloromethane	0.799	0.815	-2.0	102	0.01
43	Methyl Methacrylate	0.317	0.352	-11.0	98	0.01
44 T	2,2,4-Trimethylpentane	1.533	1.662	-8.4	103	0.01
45 T	t-1,3-Dichloropropene	0.290	0.308	-6.2	96	0.02
46 T	cis-1,3-Dichloropropene	0.409	0.435	-6.4	97	0.01
47 T	1,1,2-Trichloroethane	0.394	0.391	0.8	102	0.02
48 T	Dibromochloromethane	0.643	0.666	-3.6	99	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.537	0.571	-6.3	100	0.00
50 T	4-Methyl-2-Pentanone	0.827	0.940	-13.7	102	0.02
51 T	2-Hexanone	0.589	0.704	-19.5	100	0.00
52 T	Tetrachloroethene	0.354	0.345	2.5	99	0.01
53 T	Toluene	0.965	1.082	-12.1	98	0.01
54 T	1,2-Dibromoethane	0.467	0.488	-4.5	100	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.01
56	1,1,1,2-Tetrachloroethane	0.610	0.615	-0.8	101	0.00
57 T	Chlorobenzene	1.057	1.054	0.3	101	0.00
58 T	Ethyl Benzene	1.549	1.783	-15.1	98	0.00
59 T	m/p-Xylene	1.307	1.488	-13.8	100	0.01
60 T	o-Xylene	1.302	1.498	-15.1	101	0.00
61 T	Styrene	0.545	0.659	-20.9	96	0.01
62	Isopropylbenzene	1.998	2.226	-11.4	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.934	0.943	-1.0	105	0.00
64	n-propylbenzene	0.511	0.591	-15.7	102	0.00
65	tert-Butylbenzene	1.778	2.029	-14.1	102	0.00
66 T	Benzyl Chloride	0.068	0.077	-13.2	108	0.00
67	sec-Butylbenzene	2.482	2.799	-12.8	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.720	0.748	-3.9	98	0.00
69	p-Isopropyltoluene	2.019	2.355	-16.6	101	0.00
70	n-Butylbenzene	1.944	2.335	-20.1	102	0.00
71	2-Chlorotoluene	1.446	1.649	-14.0	101	0.00
72 T	4-Ethyltoluene	1.549	1.836	-18.5	102	0.00
73 T	1,3,5-Trimethylbenzene	1.340	1.536	-14.6	101	0.00
74 T	1,2,4-Trimethylbenzene	1.513	1.731	-14.4	103	0.00
75 T	1,3-Dichlorobenzene	0.984	1.033	-5.0	102	0.00
76 T	1,4-Dichlorobenzene	0.938	1.027	-9.5	103	0.00
77 T	1,2-Dichlorobenzene	0.980	0.991	-1.1	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.683	0.658	3.7	99	0.00
79 T	Naphthalene	0.903	1.299	-43.9#	98	0.00
80 T	Naphthalene,2-methyl-	0.457	0.527	-15.3	90	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.702	-20.4	98	0.00

(#) = Out of Range

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