

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100925\
 Data File : VL043079.D
 Acq On : 09 Oct 2025 09:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 09 22:11:22 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	113	0.00
2 T	Dichlorodifluoromethane	1.685	1.558	7.5	111	0.00
3	Chlorodifluoromethane	1.630	1.492	8.5	110	0.00
4	Chloromethane	0.616	0.570	7.5	111	0.00
5 T	Vinyl Chloride	0.584	0.539	7.7	113	0.00
6 T	Bromomethane	0.263	0.246	6.5	112	0.00
7	Chloroethane	0.244	0.223	8.6	113	0.00
8 T	Dichlorotetrafluoroethane	1.381	1.288	6.7	112	0.00
9 T	Propene	0.657	0.595	9.4	106	0.00
10 T	Heptane	1.616	1.661	-2.8	106	0.00
11 T	Trichlorofluoromethane	1.732	1.588	8.3	110	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.364	1.253	8.1	110	0.00
13	Ethanol	0.045	0.027#	40.0#	111	0.00
14 T	Bromoethene	0.489	0.458	6.3	110	0.00
15 T	Acetone	1.400	1.166	16.7	115	0.00
16 T	1,3-Butadiene	0.577	0.532	7.8	112	0.00
17	tert-Butyl alcohol	1.481	1.377	7.0	113	0.00
18 T	1,1-Dichloroethene	0.598	0.551	7.9	108	0.00
19 T	Isopropyl Alcohol	0.671	0.601	10.4	112	0.00
20 T	Methylene Chloride	0.611	0.478	21.8	110	0.00
21 T	Allyl Chloride	0.897	0.835	6.9	112	0.00
22 T	trans-1,2-Dichloroethene	0.679	0.620	8.7	110	0.00
23 T	Vinyl Acetate	0.297	0.254	14.5	117	0.00
24 T	1,1-Dichloroethane	1.287	1.194	7.2	112	0.00
25 T	Ethyl Acetate	3.513	3.407	3.0	109	0.00
26 T	Hexane	1.351	1.327	1.8	107	0.00
27 T	Carbon Disulfide	1.595	1.491	6.5	110	0.00
28 T	Methyl tert-Butyl Ether	0.846	0.757	10.5	104	0.00
29 T	Chloroform	2.304	2.102	8.8	107	0.00
30 T	Cyclohexane	1.110	1.092	1.6	103	0.00
31 T	cis-1,2-Dichloroethene	1.389	1.265	8.9	102	0.00
32 T	1,1,1-Trichloroethane	2.239	2.003	10.5	104	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
34 T	2-Butanone	0.679	0.648	4.6	108	0.00
35 T	Carbon Tetrachloride	0.823	0.743	9.7	106	0.00
36 T	Benzene	0.955	0.920	3.7	104	0.00
37 T	1,2-Dichloroethane	0.566	0.533	5.8	106	0.00
38 T	Trichloroethene	0.398	0.384	3.5	102	0.00
39 T	1,2-Dichloropropane	0.354	0.337	4.8	105	0.00
40 T	1,4-Dioxane	0.152	0.151	0.7	105	0.00
41 T	Tetrahydrofuran	0.351	0.363	-3.4	105	0.00
42 T	Bromodichloromethane	0.799	0.763	4.5	105	0.00
43	Methyl Methacrylate	0.317	0.324	-2.2	100	0.00
44 T	2,2,4-Trimethylpentane	1.533	1.560	-1.8	106	0.00
45 T	t-1,3-Dichloropropene	0.290	0.274	5.5	95	0.00
46 T	cis-1,3-Dichloropropene	0.409	0.396	3.2	98	0.00
47 T	1,1,2-Trichloroethane	0.394	0.369	6.3	107	0.00
48 T	Dibromochloromethane	0.643	0.617	4.0	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.537	0.538	-0.2	105	0.00
50 T	4-Methyl-2-Pentanone	0.827	0.877	-6.0	105	0.00
51 T	2-Hexanone	0.589	0.667	-13.2	104	0.00
52 T	Tetrachloroethene	0.354	0.318	10.2	100	0.00
53 T	Toluene	0.965	0.990	-2.6	99	0.00
54 T	1,2-Dibromoethane	0.467	0.455	2.6	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
56	1,1,1,2-Tetrachloroethane	0.610	0.559	8.4	105	0.00
57 T	Chlorobenzene	1.057	0.956	9.6	105	0.00
58 T	Ethyl Benzene	1.549	1.587	-2.5	100	0.00
59 T	m/p-Xylene	1.307	1.344	-2.8	104	0.00
60 T	o-Xylene	1.302	1.344	-3.2	104	0.00
61 T	Styrene	0.545	0.572	-5.0	96	0.00
62	Isopropylbenzene	1.998	2.011	-0.7	104	0.00
63 T	1,1,2,2-Tetrachloroethane	0.934	0.863	7.6	110	0.00
64	n-propylbenzene	0.511	0.536	-4.9	106	0.00
65	tert-Butylbenzene	1.778	1.831	-3.0	106	0.00
66 T	Benzyl Chloride	0.068	0.069	-1.5	112	0.00
67	sec-Butylbenzene	2.482	2.514	-1.3	105	0.00
68 S	1-Bromo-4-Fluorobenzene	0.720	0.827	-14.9	125	0.00
69	p-Isopropyltoluene	2.019	2.097	-3.9	104	0.00
70	n-Butylbenzene	1.944	2.062	-6.1	103	0.00
71	2-Chlorotoluene	1.446	1.461	-1.0	103	0.00
72 T	4-Ethyltoluene	1.549	1.636	-5.6	104	0.00
73 T	1,3,5-Trimethylbenzene	1.340	1.377	-2.8	104	0.00
74 T	1,2,4-Trimethylbenzene	1.513	1.560	-3.1	106	0.00
75 T	1,3-Dichlorobenzene	0.984	0.935	5.0	106	0.00
76 T	1,4-Dichlorobenzene	0.938	0.932	0.6	107	0.00
77 T	1,2-Dichlorobenzene	0.980	0.898	8.4	107	0.00
78 T	Hexachloro-1,3-Butadiene	0.683	0.603	11.7	104	0.00
79 T	Naphthalene	0.903	1.152	-27.6	99	0.00
80 T	Naphthalene,2-methyl-	0.457	0.445	2.6	87	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.622	-6.7	99	0.00

(#) = Out of Range

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