

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120225\
 Data File : VL043292.D
 Acq On : 02 Dec 2025 09:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 03 00:03:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 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	120	0.01
2 T	Dichlorodifluoromethane	1.410	1.563	-10.9	140	0.00
3	Chlorodifluoromethane	1.387	1.451	-4.6	132	0.00
4	Chloromethane	0.527	0.533	-1.1	128	0.00
5 T	Vinyl Chloride	0.577	0.554	4.0	137	0.00
6 T	Bromomethane	0.280	0.264	5.7	125	0.00
7	Chloroethane	0.225	0.226	-0.4	140	0.00
8 T	Dichlorotetrafluoroethane	1.173	1.282	-9.3	141	0.00
9 T	Propene	0.589	0.558	5.3	134	0.00
10 T	Heptane	1.753	1.639	6.5	123	0.03
11 T	Trichlorofluoromethane	1.367	1.652	-20.8	160#	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.067	1.267	-18.7	154#	0.00
13	Ethanol	0.207	0.166	19.8	120	0.00
14 T	Bromoethene	0.409	0.449	-9.8	149	0.00
15 T	Acetone	1.389	1.231	11.4	143	0.00
16 T	1,3-Butadiene	0.619	0.610	1.5	133	0.00
17	tert-Butyl alcohol	1.824	1.731	5.1	122	0.00
18 T	1,1-Dichloroethene	0.497	0.540	-8.7	147	0.00
19 T	Isopropyl Alcohol	0.785	0.681	13.2	119	0.00
20 T	Methylene Chloride	0.600	0.493	17.8	148	0.01
21 T	Allyl Chloride	0.935	0.839	10.3	119	0.00
22 T	trans-1,2-Dichloroethene	0.568	0.608	-7.0	146	0.01
23 T	Vinyl Acetate	1.677	1.633	2.6	121	0.00
24 T	1,1-Dichloroethane	1.096	1.198	-9.3	141	0.00
25 T	Ethyl Acetate	2.996	2.907	3.0	126	0.00
26 T	Hexane	1.314	1.309	0.4	127	0.01
27 T	Carbon Disulfide	1.341	1.526	-13.8	146	0.00
28 T	Methyl tert-Butyl Ether	0.645	0.685	-6.2	139	0.00
29 T	Chloroform	1.867	2.185	-17.0	147	0.01
30 T	Cyclohexane	1.101	1.109	-0.7	130	0.02
31 T	cis-1,2-Dichloroethene	1.306	1.346	-3.1	130	0.00
32 T	1,1,1-Trichloroethane	1.990	2.234	-12.3	142	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.02
34 T	2-Butanone	0.706	0.699	1.0	126	0.00
35 T	Carbon Tetrachloride	0.759	0.897	-18.2	148	0.02
36 T	Benzene	0.958	1.020	-6.5	131	0.02
37 T	1,2-Dichloroethane	0.560	0.639	-14.1	140	0.01
38 T	Trichloroethene	0.375	0.412	-9.9	136	0.02
39 T	1,2-Dichloropropane	0.351	0.367	-4.6	128	0.02
40 T	1,4-Dioxane	0.158	0.135	14.6	110	0.02
41 T	Tetrahydrofuran	0.390	0.374	4.1	118	0.01
42 T	Bromodichloromethane	0.773	0.899	-16.3	140	0.02
43	Methyl Methacrylate	0.508	0.475	6.5	120	0.02
44 T	2,2,4-Trimethylpentane	1.645	1.698	-3.2	127	0.03
45 T	t-1,3-Dichloropropene	0.474	0.376	20.7	96	0.02
46 T	cis-1,3-Dichloropropene	0.556	0.456	18.0	99	0.03
47 T	1,1,2-Trichloroethane	0.372	0.402	-8.1	136	0.03
48 T	Dibromochloromethane	0.640	0.742	-15.9	140	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.566	0.637	-12.5	134	0.02
50 T	4-Methyl-2-Pentanone	0.994	0.927	6.7	114	0.03
51 T	2-Hexanone	0.772	0.658	14.8	104	0.02
52 T	Tetrachloroethene	0.356	0.380	-6.7	134	0.02
53 T	Toluene	1.134	1.143	-0.8	124	0.02
54 T	1,2-Dibromoethane	0.547	0.558	-2.0	124	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.02
56	1,1,1,2-Tetrachloroethane	0.735	0.868	-18.1	142	0.02
57 T	Chlorobenzene	1.027	1.147	-11.7	132	0.02
58 T	Ethyl Benzene	1.925	2.040	-6.0	124	0.02
59 T	m/p-Xylene	1.543	1.707	-10.6	132	0.02
60 T	o-Xylene	1.542	1.664	-7.9	130	0.01
61 T	Styrene	0.675	0.654	3.1	112	0.01
62	Isopropylbenzene	2.758	2.999	-8.7	130	0.01
63 T	1,1,2,2-Tetrachloroethane	0.981	1.038	-5.8	129	0.01
64	n-propylbenzene	0.709	0.760	-7.2	128	0.01
65	tert-Butylbenzene	2.463	2.605	-5.8	130	0.01
66 T	Benzyl Chloride	0.250	0.127	49.2#	59	0.01
67	sec-Butylbenzene	3.438	3.645	-6.0	130	0.00
68 S	1-Bromo-4-Fluorobenzene	0.733	0.731	0.3	111	0.01
69	p-Isopropyltoluene	2.912	3.046	-4.6	127	0.01
70	n-Butylbenzene	2.825	2.937	-4.0	124	0.01
71	2-Chlorotoluene	2.120	2.229	-5.1	126	0.00
72 T	4-Ethyltoluene	1.877	2.005	-6.8	127	0.01
73 T	1,3,5-Trimethylbenzene	1.575	1.679	-6.6	128	0.01
74 T	1,2,4-Trimethylbenzene	1.719	1.855	-7.9	133	0.01
75 T	1,3-Dichlorobenzene	1.003	1.112	-10.9	132	0.01
76 T	1,4-Dichlorobenzene	1.003	1.104	-10.1	131	0.00
77 T	1,2-Dichlorobenzene	0.965	1.052	-9.0	134	0.01
78 T	Hexachloro-1,3-Butadiene	0.805	0.808	-0.4	131	0.00
79 T	Naphthalene	1.527	1.506	1.4	112	0.00
80 T	Naphthalene,2-methyl-	0.401	0.348	13.2	98	0.01
81 T	1,2,4-Trichlorobenzene	0.683	0.766	-12.2	126	0.00

(#) = Out of Range

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