

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101525\
 Data File : VL043114.D
 Acq On : 15 Oct 2025 08:43
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 16 01:13:46 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	94	0.00
2 T	Dichlorodifluoromethane	1.422	1.369	3.7	101	0.00
3	Chlorodifluoromethane	1.538	1.384	10.0	90	0.00
4	Chloromethane	0.563	0.496	11.9	94	0.00
5 T	Vinyl Chloride	0.552	0.490	11.2	96	0.00
6 T	Bromomethane	0.303	0.281	7.3	102	0.00
7	Chloroethane	0.226	0.195	13.7	96	0.00
8 T	Dichlorotetrafluoroethane	1.149	1.113	3.1	101	0.00
9 T	Propene	0.682	0.576	15.5	83	0.00
10 T	Heptane	1.964	1.654	15.8	87	0.00
11 T	Trichlorofluoromethane	1.391	1.455	-4.6	111	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.120	1.112	0.7	108	0.00
13	Ethanol	0.252	0.187	25.8	92	0.00
14 T	Bromoethene	0.416	0.408	1.9	104	0.00
15 T	Acetone	1.348	1.151	14.6	100	0.00
16 T	1,3-Butadiene	0.642	0.575	10.4	98	0.00
17	tert-Butyl alcohol	1.850	1.780	3.8	100	0.00
18 T	1,1-Dichloroethene	0.488	0.494	-1.2	107	0.00
19 T	Isopropyl Alcohol	0.839	0.737	12.2	96	0.00
20 T	Methylene Chloride	0.533	0.436	18.2	101	0.00
21 T	Allyl Chloride	0.993	0.927	6.6	96	0.00
22 T	trans-1,2-Dichloroethene	0.583	0.565	3.1	104	0.00
23 T	Vinyl Acetate	1.974	1.820	7.8	106	0.00
24 T	1,1-Dichloroethane	1.127	1.110	1.5	102	0.00
25 T	Ethyl Acetate	3.342	2.957	11.5	89	0.00
26 T	Hexane	1.540	1.350	12.3	91	0.00
27 T	Carbon Disulfide	1.411	1.384	1.9	99	0.00
28 T	Methyl tert-Butyl Ether	0.701	0.651	7.1	105	0.00
29 T	Chloroform	2.232	2.111	5.4	98	0.00
30 T	Cyclohexane	1.344	1.193	11.2	93	0.00
31 T	cis-1,2-Dichloroethene	1.471	1.405	4.5	94	0.00
32 T	1,1,1-Trichloroethane	2.324	2.251	3.1	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.672	0.599	10.9	91	0.00
35 T	Carbon Tetrachloride	0.719	0.698	2.9	99	0.00
36 T	Benzene	0.942	0.886	5.9	94	0.00
37 T	1,2-Dichloroethane	0.543	0.516	5.0	98	0.00
38 T	Trichloroethene	0.393	0.338	14.0	91	0.00
39 T	1,2-Dichloropropane	0.344	0.312	9.3	91	0.00
40 T	1,4-Dioxane	0.154	0.141	8.4	92	0.00
41 T	Tetrahydrofuran	0.376	0.325	13.6	88	0.00
42 T	Bromodichloromethane	0.751	0.731	2.7	97	0.00
43	Methyl Methacrylate	0.478	0.436	8.8	89	0.00
44 T	2,2,4-Trimethylpentane	1.589	1.407	11.5	89	0.00
45 T	t-1,3-Dichloropropene	0.480	0.455	5.2	91	0.00
46 T	cis-1,3-Dichloropropene	0.573	0.534	6.8	90	0.00
47 T	1,1,2-Trichloroethane	0.372	0.340	8.6	93	0.00
48 T	Dibromochloromethane	0.622	0.591	5.0	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.505	0.481	4.8	91	0.00
50 T	4-Methyl-2-Pentanone	0.928	0.810	12.7	86	0.00
51 T	2-Hexanone	0.696	0.630	9.5	84	0.00
52 T	Tetrachloroethene	0.340	0.300	11.8	89	0.00
53 T	Toluene	1.118	1.007	9.9	90	0.00
54 T	1,2-Dibromoethane	0.582	0.535	8.1	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.630	0.572	9.2	90	0.00
57 T	Chlorobenzene	0.936	0.819	12.5	90	0.00
58 T	Ethyl Benzene	1.716	1.552	9.6	91	0.00
59 T	m/p-Xylene	1.369	1.221	10.8	92	0.02
60 T	o-Xylene	1.352	1.194	11.7	91	0.00
61 T	Styrene	0.610	0.549	10.0	89	0.00
62	Isopropylbenzene	2.443	2.146	12.2	89	0.00
63 T	1,1,2,2-Tetrachloroethane	0.905	0.760	16.0	91	0.00
64	n-propylbenzene	0.647	0.560	13.4	89	0.00
65	tert-Butylbenzene	2.157	1.819	15.7	89	0.00
66 T	Benzyl Chloride	0.240	0.206	14.2	80	0.00
67	sec-Butylbenzene	3.062	2.633	14.0	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.777	0.786	-1.2	94	0.00
69	p-Isopropyltoluene	2.602	2.215	14.9	89	0.00
70	n-Butylbenzene	2.564	2.263	11.7	91	0.00
71	2-Chlorotoluene	1.863	1.673	10.2	92	0.00
72 T	4-Ethyltoluene	1.662	1.479	11.0	90	0.00
73 T	1,3,5-Trimethylbenzene	1.371	1.226	10.6	91	0.00
74 T	1,2,4-Trimethylbenzene	1.534	1.310	14.6	92	0.00
75 T	1,3-Dichlorobenzene	0.890	0.764	14.2	87	0.00
76 T	1,4-Dichlorobenzene	0.897	0.785	12.5	89	0.00
77 T	1,2-Dichlorobenzene	0.861	0.728	15.4	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.667	0.519	22.2	87	0.00
79 T	Naphthalene	1.604	1.481	7.7	88	0.00
80 T	Naphthalene,2-methyl-	0.418	0.427	-2.2	83	0.00
81 T	1,2,4-Trichlorobenzene	0.666	0.585	12.2	86	0.00

(#) = Out of Range

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