

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110325\
 Data File : VL043137.D
 Acq On : 03 Nov 2025 08:33
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 04 03:05:45 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	118	0.00
2 T	Dichlorodifluoromethane	1.422	1.343	5.6	124	0.00
3	Chlorodifluoromethane	1.538	1.462	4.9	119	0.00
4	Chloromethane	0.563	0.490	13.0	115	0.00
5 T	Vinyl Chloride	0.552	0.473	14.3	116	0.00
6 T	Bromomethane	0.303	0.280	7.6	126	0.00
7	Chloroethane	0.226	0.202	10.6	124	0.00
8 T	Dichlorotetrafluoroethane	1.149	1.091	5.0	123	0.00
9 T	Propene	0.682	0.634	7.0	114	0.00
10 T	Heptane	1.964	1.798	8.5	117	-0.02
11 T	Trichlorofluoromethane	1.391	1.382	0.6	131	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.120	1.093	2.4	132	0.00
13	Ethanol	0.252	0.179	29.0	109	0.00
14 T	Bromoethene	0.416	0.400	3.8	127	0.00
15 T	Acetone	1.348	1.105	18.0	119	0.00
16 T	1,3-Butadiene	0.642	0.531	17.3	113	0.00
17	tert-Butyl alcohol	1.850	1.736	6.2	121	0.00
18 T	1,1-Dichloroethene	0.488	0.489	-0.2	132	0.00
19 T	Isopropyl Alcohol	0.839	0.724	13.7	117	0.00
20 T	Methylene Chloride	0.533	0.414	22.3	120	0.00
21 T	Allyl Chloride	0.993	0.887	10.7	115	0.00
22 T	trans-1,2-Dichloroethene	0.583	0.564	3.3	130	0.00
23 T	Vinyl Acetate	1.974	2.081	-5.4	151#	0.00
24 T	1,1-Dichloroethane	1.127	1.062	5.8	121	0.00
25 T	Ethyl Acetate	3.342	3.207	4.0	120	0.00
26 T	Hexane	1.540	1.479	4.0	124	0.00
27 T	Carbon Disulfide	1.411	1.371	2.8	123	0.00
28 T	Methyl tert-Butyl Ether	0.701	0.645	8.0	129	0.00
29 T	Chloroform	2.232	2.229	0.1	129	0.00
30 T	Cyclohexane	1.344	1.298	3.4	126	-0.01
31 T	cis-1,2-Dichloroethene	1.471	1.486	-1.0	124	0.00
32 T	1,1,1-Trichloroethane	2.324	2.333	-0.4	128	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	119	-0.01
34 T	2-Butanone	0.672	0.614	8.6	120	0.00
35 T	Carbon Tetrachloride	0.719	0.720	-0.1	131	-0.01
36 T	Benzene	0.942	0.909	3.5	124	0.00
37 T	1,2-Dichloroethane	0.543	0.507	6.6	124	0.00
38 T	Trichloroethene	0.393	0.372	5.3	129	-0.02
39 T	1,2-Dichloropropane	0.344	0.325	5.5	121	0.00
40 T	1,4-Dioxane	0.154	0.146	5.2	123	-0.02
41 T	Tetrahydrofuran	0.376	0.339	9.8	117	0.00
42 T	Bromodichloromethane	0.751	0.748	0.4	127	-0.02
43	Methyl Methacrylate	0.478	0.439	8.2	115	-0.02
44 T	2,2,4-Trimethylpentane	1.589	1.489	6.3	121	-0.02
45 T	t-1,3-Dichloropropene	0.480	0.467	2.7	120	-0.02
46 T	cis-1,3-Dichloropropene	0.573	0.554	3.3	120	-0.02
47 T	1,1,2-Trichloroethane	0.372	0.361	3.0	127	-0.02
48 T	Dibromochloromethane	0.622	0.646	-3.9	130	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.505	0.545	-7.9	133	-0.01
50 T	4-Methyl-2-Pentanone	0.928	0.840	9.5	114	-0.02
51 T	2-Hexanone	0.696	0.644	7.5	110	-0.02
52 T	Tetrachloroethene	0.340	0.345	-1.5	131	-0.01
53 T	Toluene	1.118	1.061	5.1	121	-0.02
54 T	1,2-Dibromoethane	0.582	0.565	2.9	126	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	118	-0.01
56	1,1,1,2-Tetrachloroethane	0.630	0.645	-2.4	128	-0.01
57 T	Chlorobenzene	0.936	0.900	3.8	125	-0.01
58 T	Ethyl Benzene	1.716	1.634	4.8	120	0.00
59 T	m/p-Xylene	1.369	1.291	5.7	123	0.00
60 T	o-Xylene	1.352	1.271	6.0	122	-0.01
61 T	Styrene	0.610	0.583	4.4	118	-0.01
62	Isopropylbenzene	2.443	2.331	4.6	122	0.00
63 T	1,1,2,2-Tetrachloroethane	0.905	0.806	10.9	122	-0.01
64	n-propylbenzene	0.647	0.611	5.6	122	0.00
65	tert-Butylbenzene	2.157	1.976	8.4	122	0.00
66 T	Benzyl Chloride	0.240	0.226	5.8	110	0.00
67	sec-Butylbenzene	3.062	2.816	8.0	123	0.00
68 S	1-Bromo-4-Fluorobenzene	0.777	0.775	0.3	117	0.00
69	p-Isopropyltoluene	2.602	2.394	8.0	121	0.00
70	n-Butylbenzene	2.564	2.366	7.7	120	0.00
71	2-Chlorotoluene	1.863	1.730	7.1	120	0.00
72 T	4-Ethyltoluene	1.662	1.586	4.6	122	0.00
73 T	1,3,5-Trimethylbenzene	1.371	1.302	5.0	121	0.00
74 T	1,2,4-Trimethylbenzene	1.534	1.407	8.3	124	0.00
75 T	1,3-Dichlorobenzene	0.890	0.863	3.0	124	0.00
76 T	1,4-Dichlorobenzene	0.897	0.868	3.2	124	0.00
77 T	1,2-Dichlorobenzene	0.861	0.816	5.2	125	0.00
78 T	Hexachloro-1,3-Butadiene	0.667	0.619	7.2	131	0.00
79 T	Naphthalene	1.604	1.470	8.4	109	0.00
80 T	Naphthalene,2-methyl-	0.418	0.477	-14.1	117	0.00
81 T	1,2,4-Trichlorobenzene	0.666	0.665	0.2	123	0.00

(#) = Out of Range

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