

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110425\
 Data File : VL043144.D
 Acq On : 04 Nov 2025 08:25
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 05 05:21:55 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	113	0.00
2 T	Dichlorodifluoromethane	1.422	1.432	-0.7	127	0.00
3	Chlorodifluoromethane	1.538	1.507	2.0	117	0.00
4	Chloromethane	0.563	0.486	13.7	110	0.00
5 T	Vinyl Chloride	0.552	0.477	13.6	112	0.00
6 T	Bromomethane	0.303	0.288	5.0	125	0.00
7	Chloroethane	0.226	0.196	13.3	116	0.00
8 T	Dichlorotetrafluoroethane	1.149	1.132	1.5	123	0.00
9 T	Propene	0.682	0.599	12.2	103	0.00
10 T	Heptane	1.964	1.711	12.9	107	-0.01
11 T	Trichlorofluoromethane	1.391	1.512	-8.7	138	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.120	1.174	-4.8	136	0.00
13	Ethanol	0.252	0.177	29.8	104	0.00
14 T	Bromoethene	0.416	0.416	0.0	127	0.00
15 T	Acetone	1.348	1.137	15.7	118	0.00
16 T	1,3-Butadiene	0.642	0.526	18.1	108	0.00
17	tert-Butyl alcohol	1.850	1.754	5.2	117	0.00
18 T	1,1-Dichloroethene	0.488	0.496	-1.6	128	0.00
19 T	Isopropyl Alcohol	0.839	0.720	14.2	112	0.00
20 T	Methylene Chloride	0.533	0.447	16.1	125	0.00
21 T	Allyl Chloride	0.993	0.893	10.1	111	0.00
22 T	trans-1,2-Dichloroethene	0.583	0.585	-0.3	129	0.00
23 T	Vinyl Acetate	1.974	1.858	5.9	129	0.00
24 T	1,1-Dichloroethane	1.127	1.095	2.8	120	0.00
25 T	Ethyl Acetate	3.342	3.179	4.9	115	0.00
26 T	Hexane	1.540	1.469	4.6	118	0.00
27 T	Carbon Disulfide	1.411	1.424	-0.9	122	0.00
28 T	Methyl tert-Butyl Ether	0.701	0.629	10.3	121	0.00
29 T	Chloroform	2.232	2.365	-6.0	132	0.00
30 T	Cyclohexane	1.344	1.267	5.7	118	-0.01
31 T	cis-1,2-Dichloroethene	1.471	1.516	-3.1	122	0.00
32 T	1,1,1-Trichloroethane	2.324	2.426	-4.4	128	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
34 T	2-Butanone	0.672	0.640	4.8	118	0.00
35 T	Carbon Tetrachloride	0.719	0.782	-8.8	134	-0.01
36 T	Benzene	0.942	0.931	1.2	119	-0.01
37 T	1,2-Dichloroethane	0.543	0.559	-2.9	128	0.00
38 T	Trichloroethene	0.393	0.374	4.8	122	-0.01
39 T	1,2-Dichloropropane	0.344	0.329	4.4	116	0.00
40 T	1,4-Dioxane	0.154	0.147	4.5	116	-0.02
41 T	Tetrahydrofuran	0.376	0.332	11.7	108	-0.01
42 T	Bromodichloromethane	0.751	0.797	-6.1	128	-0.01
43	Methyl Methacrylate	0.478	0.447	6.5	111	-0.01
44 T	2,2,4-Trimethylpentane	1.589	1.479	6.9	113	-0.01
45 T	t-1,3-Dichloropropene	0.480	0.468	2.5	113	-0.01
46 T	cis-1,3-Dichloropropene	0.573	0.563	1.7	115	-0.01
47 T	1,1,2-Trichloroethane	0.372	0.366	1.6	121	-0.01
48 T	Dibromochloromethane	0.622	0.650	-4.5	123	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.505	0.563	-11.5	129	-0.01
50 T	4-Methyl-2-Pentanone	0.928	0.821	11.5	105	-0.02
51 T	2-Hexanone	0.696	0.639	8.2	103	-0.01
52 T	Tetrachloroethene	0.340	0.342	-0.6	122	-0.01
53 T	Toluene	1.118	1.057	5.5	114	-0.01
54 T	1,2-Dibromoethane	0.582	0.578	0.7	121	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	110	-0.01
56	1,1,1,2-Tetrachloroethane	0.630	0.662	-5.1	124	0.00
57 T	Chlorobenzene	0.936	0.900	3.8	117	-0.01
58 T	Ethyl Benzene	1.716	1.651	3.8	114	0.00
59 T	m/p-Xylene	1.369	1.323	3.4	118	0.01
60 T	o-Xylene	1.352	1.320	2.4	119	-0.01
61 T	Styrene	0.610	0.583	4.4	111	-0.01
62	Isopropylbenzene	2.443	2.366	3.2	117	0.00
63 T	1,1,2,2-Tetrachloroethane	0.905	0.830	8.3	118	0.00
64	n-propylbenzene	0.647	0.616	4.8	115	0.00
65	tert-Butylbenzene	2.157	2.009	6.9	117	0.00
66 T	Benzyl Chloride	0.240	0.205	14.6	94	0.00
67	sec-Butylbenzene	3.062	2.879	6.0	118	0.00
68 S	1-Bromo-4-Fluorobenzene	0.777	0.778	-0.1	110	0.00
69	p-Isopropyltoluene	2.602	2.428	6.7	115	0.00
70	n-Butylbenzene	2.564	2.421	5.6	115	0.00
71	2-Chlorotoluene	1.863	1.791	3.9	116	0.00
72 T	4-Ethyltoluene	1.662	1.595	4.0	115	0.00
73 T	1,3,5-Trimethylbenzene	1.371	1.343	2.0	118	0.00
74 T	1,2,4-Trimethylbenzene	1.534	1.444	5.9	120	0.00
75 T	1,3-Dichlorobenzene	0.890	0.882	0.9	119	0.00
76 T	1,4-Dichlorobenzene	0.897	0.895	0.2	120	0.00
77 T	1,2-Dichlorobenzene	0.861	0.839	2.6	121	0.00
78 T	Hexachloro-1,3-Butadiene	0.667	0.631	5.4	125	0.00
79 T	Naphthalene	1.604	1.497	6.7	105	0.00
80 T	Naphthalene,2-methyl-	0.418	0.460	-10.0	106	0.00
81 T	1,2,4-Trichlorobenzene	0.666	0.674	-1.2	117	0.00

(#) = Out of Range

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