

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101425\
 Data File : VL043112.D
 Acq On : 14 Oct 2025 14:51
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101425

Quant Time: Oct 15 02:14:28 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	1.340	5.8	98	0.00
3	Chlorodifluoromethane	1.538	1.424	7.4	92	0.00
4	Chloromethane	0.563	0.499	11.4	94	0.00
5 T	Vinyl Chloride	0.552	0.482	12.7	94	0.00
6 T	Bromomethane	0.303	0.270	10.9	97	0.00
7	Chloroethane	0.226	0.196	13.3	96	0.00
8 T	Dichlorotetrafluoroethane	1.149	1.098	4.4	99	0.00
9 T	Propene	0.682	0.608	10.9	87	0.00
10 T	Heptane	1.964	1.695	13.7	88	0.00
11 T	Trichlorofluoromethane	1.391	1.358	2.4	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.120	1.050	6.3	101	0.00
13	Ethanol	0.252	0.181	28.2	88	0.00
14 T	Bromoethene	0.416	0.388	6.7	98	0.00
15 T	Acetone	1.348	1.107	17.9	95	0.00
16 T	1,3-Butadiene	0.642	0.569	11.4	97	0.00
17	tert-Butyl alcohol	1.850	1.667	9.9	93	0.00
18 T	1,1-Dichloroethene	0.488	0.477	2.3	102	0.00
19 T	Isopropyl Alcohol	0.839	0.692	17.5	90	0.00
20 T	Methylene Chloride	0.533	0.413	22.5	96	0.00
21 T	Allyl Chloride	0.993	0.912	8.2	94	0.00
22 T	trans-1,2-Dichloroethene	0.583	0.526	9.8	97	0.00
23 T	Vinyl Acetate	1.974	1.900	3.7	110	0.00
24 T	1,1-Dichloroethane	1.127	1.054	6.5	96	0.00
25 T	Ethyl Acetate	3.342	2.997	10.3	90	0.00
26 T	Hexane	1.540	1.388	9.9	93	0.00
27 T	Carbon Disulfide	1.411	1.343	4.8	96	0.00
28 T	Methyl tert-Butyl Ether	0.701	0.689	1.7	110	0.00
29 T	Chloroform	2.232	2.100	5.9	97	0.00
30 T	Cyclohexane	1.344	1.223	9.0	95	0.00
31 T	cis-1,2-Dichloroethene	1.471	1.409	4.2	94	0.00
32 T	1,1,1-Trichloroethane	2.324	2.246	3.4	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.672	0.580	13.7	91	0.00
35 T	Carbon Tetrachloride	0.719	0.669	7.0	98	0.00
36 T	Benzene	0.942	0.855	9.2	94	0.00
37 T	1,2-Dichloroethane	0.543	0.497	8.5	97	0.00
38 T	Trichloroethene	0.393	0.332	15.5	93	0.00
39 T	1,2-Dichloropropane	0.344	0.309	10.2	93	0.00
40 T	1,4-Dioxane	0.154	0.127	17.5	86	0.00
41 T	Tetrahydrofuran	0.376	0.322	14.4	89	0.00
42 T	Bromodichloromethane	0.751	0.701	6.7	96	0.00
43	Methyl Methacrylate	0.478	0.426	10.9	90	0.00
44 T	2,2,4-Trimethylpentane	1.589	1.389	12.6	91	0.00
45 T	t-1,3-Dichloropropene	0.480	0.439	8.5	91	0.00
46 T	cis-1,3-Dichloropropene	0.573	0.522	8.9	91	0.00
47 T	1,1,2-Trichloroethane	0.372	0.335	9.9	94	0.00
48 T	Dibromochloromethane	0.622	0.567	8.8	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.505	0.454	10.1	89	0.00
50 T	4-Methyl-2-Pentanone	0.928	0.808	12.9	88	0.00
51 T	2-Hexanone	0.696	0.626	10.1	86	0.00
52 T	Tetrachloroethene	0.340	0.295	13.2	90	0.00
53 T	Toluene	1.118	0.998	10.7	92	0.00
54 T	1,2-Dibromoethane	0.582	0.516	11.3	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	0.630	0.569	9.7	91	0.00
57 T	Chlorobenzene	0.936	0.820	12.4	91	0.00
58 T	Ethyl Benzene	1.716	1.543	10.1	91	0.00
59 T	m/p-Xylene	1.369	1.226	10.4	93	0.02
60 T	o-Xylene	1.352	1.194	11.7	92	0.00
61 T	Styrene	0.610	0.555	9.0	91	0.00
62	Isopropylbenzene	2.443	2.132	12.7	90	0.00
63 T	1,1,2,2-Tetrachloroethane	0.905	0.740	18.2	90	0.00
64	n-propylbenzene	0.647	0.550	15.0	88	0.00
65	tert-Butylbenzene	2.157	1.826	15.3	91	0.00
66 T	Benzyl Chloride	0.240	0.199	17.1	78	0.00
67	sec-Butylbenzene	3.062	2.615	14.6	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.777	0.785	-1.0	95	0.00
69	p-Isopropyltoluene	2.602	2.188	15.9	89	0.00
70	n-Butylbenzene	2.564	2.200	14.2	89	0.00
71	2-Chlorotoluene	1.863	1.645	11.7	91	0.00
72 T	4-Ethyltoluene	1.662	1.464	11.9	90	0.00
73 T	1,3,5-Trimethylbenzene	1.371	1.217	11.2	91	0.00
74 T	1,2,4-Trimethylbenzene	1.534	1.277	16.8	90	0.00
75 T	1,3-Dichlorobenzene	0.890	0.752	15.5	87	0.00
76 T	1,4-Dichlorobenzene	0.897	0.759	15.4	87	0.00
77 T	1,2-Dichlorobenzene	0.861	0.700	18.7	86	0.00
78 T	Hexachloro-1,3-Butadiene	0.667	0.496	25.6	84	0.00
79 T	Naphthalene	1.604	1.336	16.7	80	0.00
80 T	Naphthalene,2-methyl-	0.418	0.424	-1.4	84	0.00
81 T	1,2,4-Trichlorobenzene	0.666	0.557	16.4	82	0.00

(#) = Out of Range

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