

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL093025\
 Data File : VL043025.D
 Acq On : 30 Sep 2025 13:25
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL093025

Quant Time: Oct 01 00:25:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL093025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 01 00:19:41 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	93	0.00
2 T	Dichlorodifluoromethane	1.731	1.718	0.8	99	0.00
3	Chlorodifluoromethane	1.843	1.861	-1.0	100	0.00
4	Chloromethane	0.657	0.649	1.2	99	0.00
5 T	Vinyl Chloride	0.637	0.579	9.1	97	0.00
6 T	Bromomethane	0.230	0.235	-2.2	100	0.00
7	Chloroethane	0.254	0.239	5.9	96	0.00
8 T	Dichlorotetrafluoroethane	1.411	1.401	0.7	97	0.00
9 T	Propene	0.717	0.709	1.1	95	0.00
10 T	Heptane	1.849	1.949	-5.4	96	0.00
11 T	Trichlorofluoromethane	1.744	1.741	0.2	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.382	1.384	-0.1	98	0.00
13	Ethanol	0.087	0.061	29.9	100	0.00
14 T	Bromoethene	0.515	0.509	1.2	97	0.00
15 T	Acetone	1.426	1.342	5.9	110	0.00
16 T	1,3-Butadiene	0.604	0.554	8.3	97	0.00
17	tert-Butyl alcohol	1.593	1.565	1.8	98	0.00
18 T	1,1-Dichloroethene	0.622	0.610	1.9	97	0.00
19 T	Isopropyl Alcohol	0.839	0.781	6.9	95	0.00
20 T	Methylene Chloride	0.818	0.667	18.5	118	0.00
21 T	Allyl Chloride	0.965	0.955	1.0	96	0.00
22 T	trans-1,2-Dichloroethene	0.704	0.691	1.8	96	0.00
23 T	Vinyl Acetate	1.970	2.082	-5.7	102	0.00
24 T	1,1-Dichloroethane	1.324	1.315	0.7	98	0.00
25 T	Ethyl Acetate	3.637	3.497	3.8	97	0.00
26 T	Hexane	1.892	1.665	12.0	99	0.00
27 T	Carbon Disulfide	1.664	1.630	2.0	95	0.00
28 T	Methyl tert-Butyl Ether	0.926	0.853	7.9	82	0.00
29 T	Chloroform	2.354	2.367	-0.6	98	0.00
30 T	Cyclohexane	1.303	1.347	-3.4	95	0.00
31 T	cis-1,2-Dichloroethene	1.536	1.569	-2.1	97	0.00
32 T	1,1,1-Trichloroethane	2.385	2.390	-0.2	97	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.704	0.731	-3.8	98	0.00
35 T	Carbon Tetrachloride	0.811	0.800	1.4	98	0.00
36 T	Benzene	1.002	1.041	-3.9	97	0.00
37 T	1,2-Dichloroethane	0.573	0.584	-1.9	97	0.00
38 T	Trichloroethene	0.502	0.506	-0.8	95	0.00
39 T	1,2-Dichloropropane	0.368	0.372	-1.1	96	0.00
40 T	1,4-Dioxane	0.156	0.165	-5.8	95	0.00
41 T	Tetrahydrofuran	0.375	0.401	-6.9	95	0.00
42 T	Bromodichloromethane	0.796	0.834	-4.8	98	0.00
43	Methyl Methacrylate	0.352	0.393	-11.6	95	0.00
44 T	2,2,4-Trimethylpentane	1.649	1.729	-4.9	97	0.00
45 T	t-1,3-Dichloropropene	0.400	0.429	-7.2	92	0.00
46 T	cis-1,3-Dichloropropene	0.522	0.562	-7.7	94	0.00
47 T	1,1,2-Trichloroethane	0.390	0.414	-6.2	99	0.00
48 T	Dibromochloromethane	0.673	0.705	-4.8	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.571	0.610	-6.8	94	0.00
50 T	4-Methyl-2-Pentanone	0.899	0.976	-8.6	97	0.00
51 T	2-Hexanone	0.662	0.775	-17.1	96	0.00
52 T	Tetrachloroethene	0.400	0.384	4.0	96	0.00
53 T	Toluene	1.118	1.202	-7.5	96	0.00
54 T	1,2-Dibromoethane	0.545	0.574	-5.3	96	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.567	0.581	-2.5	97	0.00
57 T	Chlorobenzene	1.031	1.036	-0.5	96	0.00
58 T	Ethyl Benzene	1.695	1.819	-7.3	96	0.00
59 T	m/p-Xylene	1.364	1.454	-6.6	96	0.00
60 T	o-Xylene	1.355	1.450	-7.0	96	0.00
61 T	Styrene	0.574	0.650	-13.2	94	0.00
62	Isopropylbenzene	2.018	2.142	-6.1	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.728	0.738	-1.4	99	0.00
64	n-propylbenzene	0.526	0.565	-7.4	98	0.00
65	tert-Butylbenzene	1.828	1.933	-5.7	98	0.00
66 T	Benzyl Chloride	0.146	0.153	-4.8	86	0.00
67	sec-Butylbenzene	2.549	2.653	-4.1	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.758	0.768	-1.3	90	0.00
69	p-Isopropyltoluene	2.122	2.270	-7.0	98	0.00
70	n-Butylbenzene	2.051	2.240	-9.2	98	0.00
71	2-Chlorotoluene	1.505	1.599	-6.2	96	0.00
72 T	4-Ethyltoluene	1.668	1.801	-8.0	96	0.00
73 T	1,3,5-Trimethylbenzene	1.406	1.497	-6.5	97	0.00
74 T	1,2,4-Trimethylbenzene	1.587	1.658	-4.5	98	0.00
75 T	1,3-Dichlorobenzene	1.014	1.033	-1.9	96	0.00
76 T	1,4-Dichlorobenzene	0.991	1.028	-3.7	97	0.00
77 T	1,2-Dichlorobenzene	0.990	0.994	-0.4	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.792	0.723	8.7	93	0.00
79 T	Naphthalene	1.259	1.522	-20.9	93	0.00
80 T	Naphthalene,2-methyl-	0.325	0.392	-20.6	94	0.00
81 T	1,2,4-Trichlorobenzene	0.759	0.828	-9.1	92	0.00

(#) = Out of Range

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