

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111125\
 Data File : VL043180.D
 Acq On : 11 Nov 2025 08:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 12 00:12:56 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	127	0.00
2 T	Dichlorodifluoromethane	1.422	1.386	2.5	138	0.00
3	Chlorodifluoromethane	1.538	1.528	0.7	134	0.00
4	Chloromethane	0.563	0.472	16.2	120	0.00
5 T	Vinyl Chloride	0.552	0.463	16.1	123	0.00
6 T	Bromomethane	0.303	0.290	4.3	142	0.00
7	Chloroethane	0.226	0.194	14.2	129	0.00
8 T	Dichlorotetrafluoroethane	1.149	1.111	3.3	136	0.00
9 T	Propene	0.682	0.601	11.9	117	0.00
10 T	Heptane	1.964	1.850	5.8	131	0.02
11 T	Trichlorofluoromethane	1.391	1.495	-7.5	153#	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.120	1.152	-2.9	150#	0.00
13	Ethanol	0.252	0.172	31.7#	114	0.00
14 T	Bromoethene	0.416	0.408	1.9	140	0.00
15 T	Acetone	1.348	1.151	14.6	134	0.00
16 T	1,3-Butadiene	0.642	0.519	19.2	120	0.00
17	tert-Butyl alcohol	1.850	1.592	13.9	120	0.00
18 T	1,1-Dichloroethene	0.488	0.494	-1.2	144	0.00
19 T	Isopropyl Alcohol	0.839	0.676	19.4	119	0.00
20 T	Methylene Chloride	0.533	0.441	17.3	138	0.00
21 T	Allyl Chloride	0.993	0.864	13.0	121	0.00
22 T	trans-1,2-Dichloroethene	0.583	0.588	-0.9	147	0.00
23 T	Vinyl Acetate	1.974	2.335	-18.3	183#	0.00
24 T	1,1-Dichloroethane	1.127	1.083	3.9	134	0.00
25 T	Ethyl Acetate	3.342	3.321	0.6	135	0.00
26 T	Hexane	1.540	1.502	2.5	136	0.01
27 T	Carbon Disulfide	1.411	1.409	0.1	137	0.00
28 T	Methyl tert-Butyl Ether	0.701	0.685	2.3	149	0.01
29 T	Chloroform	2.232	2.276	-2.0	143	0.00
30 T	Cyclohexane	1.344	1.209	10.0	127	0.02
31 T	cis-1,2-Dichloroethene	1.471	1.466	0.3	133	0.01
32 T	1,1,1-Trichloroethane	2.324	2.235	3.8	133	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.02
34 T	2-Butanone	0.672	0.800	-19.0	143	0.00
35 T	Carbon Tetrachloride	0.719	0.812	-12.9	136	0.01
36 T	Benzene	0.942	1.033	-9.7	129	0.02
37 T	1,2-Dichloroethane	0.543	0.627	-15.5	140	0.01
38 T	Trichloroethene	0.393	0.390	0.8	124	0.02
39 T	1,2-Dichloropropane	0.344	0.379	-10.2	130	0.02
40 T	1,4-Dioxane	0.154	0.156	-1.3	120	0.02
41 T	Tetrahydrofuran	0.376	0.405	-7.7	128	0.00
42 T	Bromodichloromethane	0.751	0.859	-14.4	134	0.02
43	Methyl Methacrylate	0.478	0.492	-2.9	119	0.02
44 T	2,2,4-Trimethylpentane	1.589	1.766	-11.1	131	0.02
45 T	t-1,3-Dichloropropene	0.480	0.484	-0.8	114	0.02
46 T	cis-1,3-Dichloropropene	0.573	0.581	-1.4	116	0.02
47 T	1,1,2-Trichloroethane	0.372	0.410	-10.2	132	0.02
48 T	Dibromochloromethane	0.622	0.678	-9.0	125	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.505	0.578	-14.5	129	0.01
50 T	4-Methyl-2-Pentanone	0.928	0.987	-6.4	123	0.02
51 T	2-Hexanone	0.696	0.751	-7.9	118	0.02
52 T	Tetrachloroethene	0.340	0.349	-2.6	121	0.02
53 T	Toluene	1.118	1.136	-1.6	119	0.02
54 T	1,2-Dibromoethane	0.582	0.612	-5.2	125	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.01
56	1,1,1,2-Tetrachloroethane	0.630	0.725	-15.1	127	0.01
57 T	Chlorobenzene	0.936	1.024	-9.4	124	0.01
58 T	Ethyl Benzene	1.716	1.841	-7.3	119	0.01
59 T	m/p-Xylene	1.369	1.505	-9.9	126	0.03
60 T	o-Xylene	1.352	1.482	-9.6	125	0.00
61 T	Styrene	0.610	0.609	0.2	109	0.00
62	Isopropylbenzene	2.443	2.684	-9.9	124	0.01
63 T	1,1,2,2-Tetrachloroethane	0.905	1.004	-10.9	133	0.01
64	n-propylbenzene	0.647	0.699	-8.0	122	0.00
65	tert-Butylbenzene	2.157	2.274	-5.4	123	0.00
66 T	Benzyl Chloride	0.240	0.211	12.1	90	0.00
67	sec-Butylbenzene	3.062	3.317	-8.3	127	0.01
68 S	1-Bromo-4-Fluorobenzene	0.777	0.799	-2.8	106	0.00
69	p-Isopropyltoluene	2.602	2.752	-5.8	122	0.01
70	n-Butylbenzene	2.564	2.796	-9.0	124	0.00
71	2-Chlorotoluene	1.863	2.023	-8.6	123	0.00
72 T	4-Ethyltoluene	1.662	1.828	-10.0	123	0.00
73 T	1,3,5-Trimethylbenzene	1.371	1.514	-10.4	124	0.00
74 T	1,2,4-Trimethylbenzene	1.534	1.653	-7.8	128	0.01
75 T	1,3-Dichlorobenzene	0.890	1.014	-13.9	128	0.00
76 T	1,4-Dichlorobenzene	0.897	1.014	-13.0	127	0.00
77 T	1,2-Dichlorobenzene	0.861	0.966	-12.2	130	0.00
78 T	Hexachloro-1,3-Butadiene	0.667	0.675	-1.2	125	0.00
79 T	Naphthalene	1.604	1.639	-2.2	107	0.00
80 T	Naphthalene,2-methyl-	0.418	0.431	-3.1	93	0.01
81 T	1,2,4-Trichlorobenzene	0.666	0.720	-8.1	117	0.00

(#) = Out of Range

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