

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072425\
 Data File : VL042757.D
 Acq On : 24 Jul 2025 08:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 25 01:22:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 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	1.322	1.268	4.1	98	0.00
3	Chlorodifluoromethane	1.722	1.651	4.1	94	0.00
4	Chloromethane	0.535	0.502	6.2	97	0.00
5 T	Vinyl Chloride	0.528	0.440	16.7	100	0.00
6 T	Bromomethane	0.204	0.194	4.9	101	0.00
7	Chloroethane	0.204	0.186	8.8	98	0.00
8 T	Dichlorotetrafluoroethane	1.087	1.015	6.6	96	0.00
9 T	Propene	0.626	0.594	5.1	93	0.00
10 T	Heptane	1.688	1.685	0.2	96	0.00
11 T	Trichlorofluoromethane	1.363	1.310	3.9	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.036	1.001	3.4	99	0.00
13	Ethanol	0.083	0.051	38.6#	94	0.00
14 T	Bromoethene	0.367	0.358	2.5	99	0.00
15 T	Acetone	1.381	1.057	23.5	99	0.00
16 T	1,3-Butadiene	0.589	0.538	8.7	98	0.00
17	tert-Butyl alcohol	1.245	1.191	4.3	95	0.00
18 T	1,1-Dichloroethene	0.468	0.429	8.3	99	0.00
19 T	Isopropyl Alcohol	0.734	0.668	9.0	94	0.00
20 T	Methylene Chloride	0.435	0.376	13.6	104	0.00
21 T	Allyl Chloride	0.851	0.832	2.2	97	0.00
22 T	trans-1,2-Dichloroethene	0.503	0.485	3.6	98	0.00
23 T	Vinyl Acetate	1.674	1.721	-2.8	94	0.00
24 T	1,1-Dichloroethane	1.033	0.980	5.1	96	0.00
25 T	Ethyl Acetate	3.056	2.975	2.7	94	0.00
26 T	Hexane	1.341	1.296	3.4	94	0.00
27 T	Carbon Disulfide	1.148	1.157	-0.8	99	0.00
28 T	Methyl tert-Butyl Ether	0.633	0.572	9.6	96	0.00
29 T	Chloroform	2.072	2.003	3.3	97	0.00
30 T	Cyclohexane	1.137	1.107	2.6	92	0.00
31 T	cis-1,2-Dichloroethene	1.378	1.346	2.3	96	0.00
32 T	1,1,1-Trichloroethane	2.158	2.011	6.8	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.708	0.681	3.8	95	0.00
35 T	Carbon Tetrachloride	0.743	0.736	0.9	97	0.00
36 T	Benzene	0.948	0.920	3.0	95	0.00
37 T	1,2-Dichloroethane	0.571	0.566	0.9	97	0.00
38 T	Trichloroethene	0.455	0.407	10.5	92	0.00
39 T	1,2-Dichloropropane	0.350	0.337	3.7	96	0.00
40 T	1,4-Dioxane	0.163	0.154	5.5	101	0.00
41 T	Tetrahydrofuran	0.360	0.371	-3.1	95	0.00
42 T	Bromodichloromethane	0.744	0.758	-1.9	97	0.00
43	Methyl Methacrylate	0.337	0.356	-5.6	95	0.00
44 T	2,2,4-Trimethylpentane	1.545	1.543	0.1	96	0.00
45 T	t-1,3-Dichloropropene	0.378	0.403	-6.6	93	0.00
46 T	cis-1,3-Dichloropropene	0.479	0.505	-5.4	92	0.00
47 T	1,1,2-Trichloroethane	0.373	0.361	3.2	96	0.00
48 T	Dibromochloromethane	0.592	0.617	-4.2	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.516	0.536	-3.9	94	0.00
50 T	4-Methyl-2-Pentanone	0.912	0.908	0.4	94	0.00
51 T	2-Hexanone	0.690	0.742	-7.5	94	0.00
52 T	Tetrachloroethene	0.393	0.344	12.5	94	0.00
53 T	Toluene	1.018	1.036	-1.8	94	0.00
54 T	1,2-Dibromoethane	0.527	0.532	-0.9	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
56	1,1,1,2-Tetrachloroethane	0.520	0.517	0.6	97	0.00
57 T	Chlorobenzene	0.968	0.912	5.8	94	0.00
58 T	Ethyl Benzene	1.579	1.626	-3.0	95	0.00
59 T	m/p-Xylene	1.262	1.313	-4.0	96	0.00
60 T	o-Xylene	1.261	1.306	-3.6	97	0.00
61 T	Styrene	0.531	0.579	-9.0	94	0.00
62	Isopropylbenzene	1.860	1.885	-1.3	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.810	0.743	8.3	97	0.00
64	n-propylbenzene	0.485	0.503	-3.7	97	0.00
65	tert-Butylbenzene	1.652	1.691	-2.4	96	0.00
66 T	Benzyl Chloride	0.136	0.154	-13.2	88	0.00
67	sec-Butylbenzene	2.350	2.364	-0.6	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.792	0.812	-2.5	92	0.00
69	p-Isopropyltoluene	1.916	2.043	-6.6	96	0.00
70	n-Butylbenzene	1.851	2.069	-11.8	97	0.00
71	2-Chlorotoluene	1.426	1.456	-2.1	95	0.00
72 T	4-Ethyltoluene	1.506	1.619	-7.5	96	0.00
73 T	1,3,5-Trimethylbenzene	1.240	1.346	-8.5	96	0.00
74 T	1,2,4-Trimethylbenzene	1.353	1.466	-8.4	96	0.00
75 T	1,3-Dichlorobenzene	0.948	0.944	0.4	97	0.00
76 T	1,4-Dichlorobenzene	0.928	0.957	-3.1	97	0.00
77 T	1,2-Dichlorobenzene	0.932	0.910	2.4	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.844	0.748	11.4	95	0.00
79 T	Naphthalene	0.958	1.496	-56.2#	96	0.00
80 T	Naphthalene,2-methyl-	0.326	0.715	-119.3#	95	0.00
81 T	1,2,4-Trichlorobenzene	0.635	0.839	-32.1#	95	0.00

(#) = Out of Range

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