

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
 Data File : VL042886.D
 Acq On : 26 Aug 2025 15:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 27 01:12:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 14 02:12:54 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	90	0.00
2 T	Dichlorodifluoromethane	1.466	1.483	-1.2	99	0.00
3	Chlorodifluoromethane	1.620	1.721	-6.2	103	0.00
4	Chloromethane	0.591	0.567	4.1	96	0.00
5 T	Vinyl Chloride	0.582	0.547	6.0	98	0.00
6 T	Bromomethane	0.233	0.211	9.4	94	0.00
7	Chloroethane	0.227	0.221	2.6	99	0.00
8 T	Dichlorotetrafluoroethane	1.199	1.219	-1.7	98	0.00
9 T	Propene	0.700	0.679	3.0	93	0.00
10 T	Heptane	1.874	1.828	2.5	96	0.00
11 T	Trichlorofluoromethane	1.446	1.407	2.7	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.152	1.145	0.6	98	0.00
13	Ethanol	0.064	0.055	14.1	106	0.00
14 T	Bromoethene	0.417	0.411	1.4	97	0.00
15 T	Acetone	1.323	1.093	17.4	104	0.00
16 T	1,3-Butadiene	0.600	0.544	9.3	98	0.00
17	tert-Butyl alcohol	1.569	1.330	15.2	87	0.00
18 T	1,1-Dichloroethene	0.507	0.512	-1.0	98	0.00
19 T	Isopropyl Alcohol	0.790	0.686	13.2	95	0.00
20 T	Methylene Chloride	0.554	0.444	19.9	97	0.00
21 T	Allyl Chloride	0.935	0.899	3.9	95	0.00
22 T	trans-1,2-Dichloroethene	0.586	0.578	1.4	97	0.00
23 T	Vinyl Acetate	1.819	1.832	-0.7	99	0.00
24 T	1,1-Dichloroethane	1.171	1.137	2.9	98	0.00
25 T	Ethyl Acetate	3.202	3.261	-1.8	100	0.00
26 T	Hexane	1.478	1.474	0.3	95	0.00
27 T	Carbon Disulfide	1.438	1.440	-0.1	99	0.00
28 T	Methyl tert-Butyl Ether	0.754	0.695	7.8	95	0.00
29 T	Chloroform	2.110	2.221	-5.3	104	0.00
30 T	Cyclohexane	1.296	1.227	5.3	91	0.00
31 T	cis-1,2-Dichloroethene	1.476	1.490	-0.9	100	0.00
32 T	1,1,1-Trichloroethane	2.230	2.191	1.7	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
34 T	2-Butanone	0.675	0.732	-8.4	100	0.00
35 T	Carbon Tetrachloride	0.689	0.762	-10.6	100	0.00
36 T	Benzene	0.958	1.031	-7.6	94	0.00
37 T	1,2-Dichloroethane	0.500	0.602	-20.4	104	0.00
38 T	Trichloroethene	0.437	0.434	0.7	91	0.00
39 T	1,2-Dichloropropane	0.350	0.381	-8.9	98	0.00
40 T	1,4-Dioxane	0.166	0.165	0.6	92	0.00
41 T	Tetrahydrofuran	0.376	0.410	-9.0	96	0.00
42 T	Bromodichloromethane	0.745	0.853	-14.5	100	0.00
43	Methyl Methacrylate	0.394	0.402	-2.0	91	0.00
44 T	2,2,4-Trimethylpentane	1.625	1.742	-7.2	96	0.00
45 T	t-1,3-Dichloropropene	0.445	0.447	-0.4	87	0.00
46 T	cis-1,3-Dichloropropene	0.555	0.586	-5.6	90	0.00
47 T	1,1,2-Trichloroethane	0.371	0.402	-8.4	98	0.00
48 T	Dibromochloromethane	0.600	0.648	-8.0	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.495	0.523	-5.7	89	0.00
50 T	4-Methyl-2-Pentanone	0.913	0.989	-8.3	93	0.00
51 T	2-Hexanone	0.718	0.787	-9.6	94	0.00
52 T	Tetrachloroethene	0.346	0.317	8.4	84	0.00
53 T	Toluene	1.138	1.162	-2.1	90	0.00
54 T	1,2-Dibromoethane	0.542	0.579	-6.8	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
56	1,1,1,2-Tetrachloroethane	0.517	0.556	-7.5	93	0.00
57 T	Chlorobenzene	0.951	1.016	-6.8	92	0.00
58 T	Ethyl Benzene	1.765	1.877	-6.3	91	0.00
59 T	m/p-Xylene	1.383	1.511	-9.3	93	0.02
60 T	o-Xylene	1.391	1.496	-7.5	94	0.00
61 T	Styrene	0.652	0.654	-0.3	85	0.00
62	Isopropylbenzene	2.033	2.160	-6.2	93	0.00
63 T	1,1,2,2-Tetrachloroethane	0.765	0.840	-9.8	99	0.00
64	n-propylbenzene	0.519	0.544	-4.8	91	0.00
65	tert-Butylbenzene	1.793	1.856	-3.5	92	0.00
66 T	Benzyl Chloride	0.228	0.163	28.5	57	0.00
67	sec-Butylbenzene	2.516	2.705	-7.5	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.780	-4.0	82	0.00
69	p-Isopropyltoluene	2.160	2.199	-1.8	92	0.00
70	n-Butylbenzene	2.142	2.363	-10.3	97	0.00
71	2-Chlorotoluene	1.579	1.680	-6.4	94	0.00
72 T	4-Ethyltoluene	1.687	1.832	-8.6	93	0.00
73 T	1,3,5-Trimethylbenzene	1.434	1.510	-5.3	93	0.00
74 T	1,2,4-Trimethylbenzene	1.574	1.680	-6.7	96	0.00
75 T	1,3-Dichlorobenzene	0.895	0.964	-7.7	92	0.00
76 T	1,4-Dichlorobenzene	0.905	0.945	-4.4	90	0.00
77 T	1,2-Dichlorobenzene	0.876	0.920	-5.0	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.718	0.576	19.8	80	0.00
79 T	Naphthalene	1.427	1.468	-2.9	89	0.00
80 T	Naphthalene,2-methyl-	0.533	0.435	18.4	72	0.00
81 T	1,2,4-Trichlorobenzene	0.717	0.710	1.0	85	0.00

(#) = Out of Range

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