

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052225\
 Data File : VL042572.D
 Acq On : 22 May 2025 09:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 23 01:30:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 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	108	0.00
2 T	Dichlorodifluoromethane	1.870	1.841	1.6	114	0.00
3	Chlorodifluoromethane	1.541	1.535	0.4	113	0.00
4	Chloromethane	0.602	0.587	2.5	112	0.00
5 T	Vinyl Chloride	0.664	0.635	4.4	114	0.00
6 T	Bromomethane	0.382	0.377	1.3	111	0.00
7	Chloroethane	0.267	0.260	2.6	112	0.00
8 T	Dichlorotetrafluoroethane	1.584	1.561	1.5	112	0.00
9 T	Propene	0.535	0.519	3.0	106	0.00
10 T	Heptane	1.411	1.498	-6.2	107	0.00
11 T	Trichlorofluoromethane	1.953	1.827	6.5	108	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.574	1.472	6.5	106	0.00
13	Ethanol	0.078	0.058	25.6	104	0.00
14 T	Bromoethene	0.595	0.566	4.9	109	0.00
15 T	Acetone	1.394	1.116	19.9	108	0.00
16 T	1,3-Butadiene	0.566	0.545	3.7	113	0.00
17	tert-Butyl alcohol	1.610	1.475	8.4	100	0.00
18 T	1,1-Dichloroethene	0.711	0.653	8.2	105	0.00
19 T	Isopropyl Alcohol	0.792	0.736	7.1	104	0.00
20 T	Methylene Chloride	0.675	0.553	18.1	104	0.00
21 T	Allyl Chloride	0.893	0.845	5.4	105	0.00
22 T	trans-1,2-Dichloroethene	0.789	0.744	5.7	105	0.00
23 T	Vinyl Acetate	1.586	1.586	0.0	105	0.00
24 T	1,1-Dichloroethane	1.353	1.277	5.6	106	0.00
25 T	Ethyl Acetate	2.694	2.778	-3.1	108	0.00
26 T	Hexane	1.218	1.263	-3.7	106	0.00
27 T	Carbon Disulfide	1.764	1.706	3.3	104	0.00
28 T	Methyl tert-Butyl Ether	0.821	0.728	11.3	100	0.00
29 T	Chloroform	2.303	2.278	1.1	111	0.00
30 T	Cyclohexane	1.054	1.079	-2.4	100	0.00
31 T	cis-1,2-Dichloroethene	1.339	1.274	4.9	102	0.00
32 T	1,1,1-Trichloroethane	2.354	2.350	0.2	110	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.531	0.555	-4.5	107	0.00
35 T	Carbon Tetrachloride	0.765	0.809	-5.8	111	0.00
36 T	Benzene	0.809	0.848	-4.8	102	0.00
37 T	1,2-Dichloroethane	0.494	0.526	-6.5	110	0.00
38 T	Trichloroethene	0.369	0.378	-2.4	102	0.00
39 T	1,2-Dichloropropane	0.284	0.298	-4.9	106	0.00
40 T	1,4-Dioxane	0.127	0.138	-8.7	99	0.01
41 T	Tetrahydrofuran	0.259	0.288	-11.2	102	0.00
42 T	Bromodichloromethane	0.697	0.763	-9.5	107	0.00
43	Methyl Methacrylate	0.275	0.301	-9.5	97	0.00
44 T	2,2,4-Trimethylpentane	1.241	1.393	-12.2	106	0.00
45 T	t-1,3-Dichloropropene	0.350	0.364	-4.0	91	0.01
46 T	cis-1,3-Dichloropropene	0.426	0.457	-7.3	95	0.01
47 T	1,1,2-Trichloroethane	0.340	0.364	-7.1	108	0.01
48 T	Dibromochloromethane	0.589	0.645	-9.5	105	0.00

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49 T	Bromoform	0.503	0.566	-12.5	106	0.00
50 T	4-Methyl-2-Pentanone	0.637	0.738	-15.9	105	0.02
51 T	2-Hexanone	0.470	0.586	-24.7	105	0.00
52 T	Tetrachloroethene	0.316	0.321	-1.6	102	0.00
53 T	Toluene	0.865	0.961	-11.1	100	0.00
54 T	1,2-Dibromoethane	0.496	0.545	-9.9	104	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.533	0.603	-13.1	111	0.00
57 T	Chlorobenzene	0.891	0.971	-9.0	108	0.00
58 T	Ethyl Benzene	1.309	1.583	-20.9	102	0.00
59 T	m/p-Xylene	1.118	1.385	-23.9	109	0.00
60 T	o-Xylene	1.107	1.389	-25.5	109	0.00
61 T	Styrene	0.424	0.524	-23.6	96	0.00
62	Isopropylbenzene	1.694	2.041	-20.5	108	0.00
63 T	1,1,2,2-Tetrachloroethane	0.740	0.862	-16.5	113	0.00
64	n-propylbenzene	0.422	0.538	-27.5	111	0.00
65	tert-Butylbenzene	1.524	1.889	-24.0	110	0.00
66 T	Benzyl Chloride	0.191	0.221	-15.7	97	0.00
67	sec-Butylbenzene	2.151	2.592	-20.5	111	0.00
68 S	1-Bromo-4-Fluorobenzene	0.800	0.862	-7.7	102	0.00
69	p-Isopropyltoluene	1.776	2.240	-26.1	110	0.00
70	n-Butylbenzene	1.678	2.205	-31.4#	112	0.00
71	2-Chlorotoluene	1.219	1.499	-23.0	107	0.00
72 T	4-Ethyltoluene	1.367	1.740	-27.3	109	0.00
73 T	1,3,5-Trimethylbenzene	1.183	1.453	-22.8	109	0.00
74 T	1,2,4-Trimethylbenzene	1.426	1.686	-18.2	112	0.00
75 T	1,3-Dichlorobenzene	0.880	1.023	-16.2	112	0.00
76 T	1,4-Dichlorobenzene	0.855	1.004	-17.4	110	0.00
77 T	1,2-Dichlorobenzene	0.867	0.998	-15.1	115	0.00
78 T	Hexachloro-1,3-Butadiene	0.716	0.764	-6.7	117	0.00
79 T	Naphthalene	1.069	1.516	-41.8#	109	0.00
80 T	Naphthalene,2-methyl-	0.551	0.779	-41.4#	98	0.00
81 T	1,2,4-Trichlorobenzene	0.642	0.813	-26.6	109	0.00

(#) = Out of Range

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