

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070325\
 Data File : VL042699.D
 Acq On : 03 Jul 2025 08:36
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 04 03:52:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:50:16 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	100	0.00
2 T	Dichlorodifluoromethane	1.047	0.932	11.0	100	0.00
3	Chlorodifluoromethane	1.565	1.437	8.2	103	0.00
4	Chloromethane	0.411	0.366	10.9	99	0.00
5 T	Vinyl Chloride	0.413	0.328	20.6	100	0.00
6 T	Bromomethane	0.184	0.161	12.5	106	0.00
7	Chloroethane	0.158	0.136	13.9	101	0.00
8 T	Dichlorotetrafluoroethane	0.867	0.748	13.7	101	0.00
9 T	Propene	0.586	0.519	11.4	99	0.00
10 T	Heptane	1.591	1.673	-5.2	101	0.00
11 T	Trichlorofluoromethane	1.104	0.995	9.9	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.874	0.796	8.9	103	0.00
13	Ethanol	0.057	0.039#	31.6#	101	0.00
14 T	Bromoethene	0.305	0.272	10.8	101	0.00
15 T	Acetone	0.992	0.801	19.3	105	0.00
16 T	1,3-Butadiene	0.457	0.393	14.0	102	0.00
17	tert-Butyl alcohol	0.968	0.908	6.2	102	0.00
18 T	1,1-Dichloroethene	0.388	0.338	12.9	101	0.00
19 T	Isopropyl Alcohol	0.570	0.504	11.6	101	0.00
20 T	Methylene Chloride	0.379	0.299	21.1	105	0.00
21 T	Allyl Chloride	0.692	0.642	7.2	101	0.00
22 T	trans-1,2-Dichloroethene	0.423	0.384	9.2	104	0.00
23 T	Vinyl Acetate	1.605	1.751	-9.1	99	0.00
24 T	1,1-Dichloroethane	0.874	0.779	10.9	101	0.00
25 T	Ethyl Acetate	3.000	2.978	0.7	103	0.00
26 T	Hexane	1.252	1.263	-0.9	104	0.00
27 T	Carbon Disulfide	1.021	0.934	8.5	100	0.00
28 T	Methyl tert-Butyl Ether	0.512	0.518	-1.2	101	0.00
29 T	Chloroform	1.891	1.733	8.4	104	0.00
30 T	Cyclohexane	0.944	0.981	-3.9	103	0.00
31 T	cis-1,2-Dichloroethene	1.191	1.155	3.0	102	0.00
32 T	1,1,1-Trichloroethane	1.814	1.584	12.7	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
34 T	2-Butanone	0.791	0.775	2.0	102	0.00
35 T	Carbon Tetrachloride	0.692	0.638	7.8	101	0.00
36 T	Benzene	1.008	0.998	1.0	101	0.00
37 T	1,2-Dichloroethane	0.535	0.510	4.7	101	0.00
38 T	Trichloroethene	0.435	0.388	10.8	100	0.00
39 T	1,2-Dichloropropane	0.393	0.381	3.1	104	0.00
40 T	1,4-Dioxane	0.152	0.156	-2.6	98	0.00
41 T	Tetrahydrofuran	0.403	0.435	-7.9	102	0.00
42 T	Bromodichloromethane	0.758	0.742	2.1	101	0.00
43	Methyl Methacrylate	0.324	0.355	-9.6	98	0.00
44 T	2,2,4-Trimethylpentane	1.693	1.775	-4.8	102	0.00
45 T	t-1,3-Dichloropropene	0.340	0.359	-5.6	94	0.00
46 T	cis-1,3-Dichloropropene	0.469	0.493	-5.1	98	0.00
47 T	1,1,2-Trichloroethane	0.387	0.380	1.8	101	0.00
48 T	Dibromochloromethane	0.593	0.585	1.3	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.512	0.499	2.5	96	0.00
50 T	4-Methyl-2-Pentanone	0.927	1.020	-10.0	100	0.00
51 T	2-Hexanone	0.674	0.803	-19.1	99	0.00
52 T	Tetrachloroethene	0.337	0.318	5.6	99	0.00
53 T	Toluene	0.941	1.050	-11.6	99	0.00
54 T	1,2-Dibromoethane	0.540	0.539	0.2	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	0.541	0.508	6.1	103	0.00
57 T	Chlorobenzene	1.003	0.936	6.7	101	0.00
58 T	Ethyl Benzene	1.446	1.617	-11.8	99	0.00
59 T	m/p-Xylene	1.211	1.331	-9.9	99	0.02
60 T	o-Xylene	1.192	1.317	-10.5	101	0.00
61 T	Styrene	0.468	0.548	-17.1	97	0.00
62	Isopropylbenzene	1.799	1.923	-6.9	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.918	0.868	5.4	103	0.00
64	n-propylbenzene	0.460	0.503	-9.3	100	0.00
65	tert-Butylbenzene	1.539	1.651	-7.3	101	0.00
66 T	Benzyl Chloride	0.149	0.160	-7.4	96	0.00
67	sec-Butylbenzene	2.358	2.411	-2.2	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.769	0.786	-2.2	97	0.00
69	p-Isopropyltoluene	1.877	1.983	-5.6	100	0.00
70	n-Butylbenzene	1.891	2.067	-9.3	101	0.00
71	2-Chlorotoluene	1.331	1.443	-8.4	100	0.00
72 T	4-Ethyltoluene	1.454	1.620	-11.4	100	0.00
73 T	1,3,5-Trimethylbenzene	1.226	1.341	-9.4	100	0.00
74 T	1,2,4-Trimethylbenzene	1.398	1.467	-4.9	100	0.00
75 T	1,3-Dichlorobenzene	0.981	0.930	5.2	99	0.00
76 T	1,4-Dichlorobenzene	0.931	0.928	0.3	101	0.00
77 T	1,2-Dichlorobenzene	0.991	0.910	8.2	102	0.00
78 T	Hexachloro-1,3-Butadiene	0.772	0.631	18.3	100	0.00
79 T	Naphthalene	1.167	1.349	-15.6	94	0.00
80 T	Naphthalene,2-methyl-	0.485	0.533	-9.9	83	0.00
81 T	1,2,4-Trichlorobenzene	0.680	0.693	-1.9	97	0.00

(#) = Out of Range

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