

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070825\
 Data File : VL042706.D
 Acq On : 08 Jul 2025 08:55
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 09 01:25:15 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	97	0.00
2 T	Dichlorodifluoromethane	1.047	1.003	4.2	104	0.00
3	Chlorodifluoromethane	1.565	1.521	2.8	105	0.00
4	Chloromethane	0.411	0.393	4.4	102	0.00
5 T	Vinyl Chloride	0.413	0.346	16.2	102	0.00
6 T	Bromomethane	0.184	0.174	5.4	110	0.00
7	Chloroethane	0.158	0.154	2.5	111	0.00
8 T	Dichlorotetrafluoroethane	0.867	0.813	6.2	106	0.00
9 T	Propene	0.586	0.542	7.5	99	0.00
10 T	Heptane	1.591	1.767	-11.1	103	-0.01
11 T	Trichlorofluoromethane	1.104	1.076	2.5	105	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.874	0.849	2.9	105	0.00
13	Ethanol	0.057	0.044#	22.8	111	0.00
14 T	Bromoethene	0.305	0.290	4.9	104	0.00
15 T	Acetone	0.992	0.852	14.1	107	0.00
16 T	1,3-Butadiene	0.457	0.413	9.6	103	0.00
17	tert-Butyl alcohol	0.968	0.954	1.4	103	0.00
18 T	1,1-Dichloroethene	0.388	0.359	7.5	103	0.00
19 T	Isopropyl Alcohol	0.570	0.525	7.9	102	0.00
20 T	Methylene Chloride	0.379	0.314	17.2	106	0.00
21 T	Allyl Chloride	0.692	0.688	0.6	105	0.00
22 T	trans-1,2-Dichloroethene	0.423	0.411	2.8	107	0.00
23 T	Vinyl Acetate	1.605	1.688	-5.2	92	0.00
24 T	1,1-Dichloroethane	0.874	0.818	6.4	103	0.00
25 T	Ethyl Acetate	3.000	3.103	-3.4	103	0.00
26 T	Hexane	1.252	1.322	-5.6	105	0.00
27 T	Carbon Disulfide	1.021	1.031	-1.0	106	0.00
28 T	Methyl tert-Butyl Ether	0.512	0.451	11.9	85	0.00
29 T	Chloroform	1.891	1.835	3.0	106	0.00
30 T	Cyclohexane	0.944	1.019	-7.9	103	0.00
31 T	cis-1,2-Dichloroethene	1.191	1.161	2.5	98	0.00
32 T	1,1,1-Trichloroethane	1.814	1.656	8.7	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
34 T	2-Butanone	0.791	0.796	-0.6	102	0.00
35 T	Carbon Tetrachloride	0.692	0.665	3.9	103	0.00
36 T	Benzene	1.008	1.017	-0.9	101	0.00
37 T	1,2-Dichloroethane	0.535	0.514	3.9	100	0.00
38 T	Trichloroethene	0.435	0.393	9.7	99	0.00
39 T	1,2-Dichloropropane	0.393	0.392	0.3	105	0.00
40 T	1,4-Dioxane	0.152	0.159	-4.6	99	-0.01
41 T	Tetrahydrofuran	0.403	0.432	-7.2	99	0.00
42 T	Bromodichloromethane	0.758	0.765	-0.9	102	0.00
43	Methyl Methacrylate	0.324	0.366	-13.0	99	-0.01
44 T	2,2,4-Trimethylpentane	1.693	1.844	-8.9	104	0.00
45 T	t-1,3-Dichloropropene	0.340	0.358	-5.3	92	-0.02
46 T	cis-1,3-Dichloropropene	0.469	0.487	-3.8	94	0.00
47 T	1,1,2-Trichloroethane	0.387	0.392	-1.3	102	-0.01
48 T	Dibromochloromethane	0.593	0.605	-2.0	101	0.00

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49 T	Bromoform	0.512	0.527	-2.9	100	0.00
50 T	4-Methyl-2-Pentanone	0.927	1.039	-12.1	100	-0.02
51 T	2-Hexanone	0.674	0.809	-20.0	98	0.00
52 T	Tetrachloroethene	0.337	0.325	3.6	99	0.00
53 T	Toluene	0.941	1.059	-12.5	98	-0.01
54 T	1,2-Dibromoethane	0.540	0.557	-3.1	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.541	0.555	-2.6	106	-0.01
57 T	Chlorobenzene	1.003	1.017	-1.4	104	0.00
58 T	Ethyl Benzene	1.446	1.723	-19.2	99	0.00
59 T	m/p-Xylene	1.211	1.439	-18.8	101	0.00
60 T	o-Xylene	1.192	1.422	-19.3	103	0.00
61 T	Styrene	0.468	0.564	-20.5	94	0.00
62	Isopropylbenzene	1.799	2.045	-13.7	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.918	0.970	-5.7	109	0.00
64	n-propylbenzene	0.460	0.548	-19.1	103	0.00
65	tert-Butylbenzene	1.539	1.784	-15.9	103	0.00
66 T	Benzyl Chloride	0.149	0.181	-21.5	103	0.00
67	sec-Butylbenzene	2.358	2.612	-10.8	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.769	0.801	-4.2	93	0.00
69	p-Isopropyltoluene	1.877	2.117	-12.8	101	0.00
70	n-Butylbenzene	1.891	2.189	-15.8	101	0.00
71	2-Chlorotoluene	1.331	1.540	-15.7	101	0.00
72 T	4-Ethyltoluene	1.454	1.730	-19.0	101	0.00
73 T	1,3,5-Trimethylbenzene	1.226	1.428	-16.5	100	0.00
74 T	1,2,4-Trimethylbenzene	1.398	1.570	-12.3	101	0.00
75 T	1,3-Dichlorobenzene	0.981	1.005	-2.4	101	0.00
76 T	1,4-Dichlorobenzene	0.931	0.992	-6.6	102	0.00
77 T	1,2-Dichlorobenzene	0.991	0.980	1.1	104	0.00
78 T	Hexachloro-1,3-Butadiene	0.772	0.678	12.2	102	0.00
79 T	Naphthalene	1.167	1.441	-23.5	95	0.00
80 T	Naphthalene,2-methyl-	0.485	0.532	-9.7	79	0.00
81 T	1,2,4-Trichlorobenzene	0.680	0.738	-8.5	97	0.00

(#) = Out of Range

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