

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073125\
 Data File : VL042788.D
 Acq On : 31 Jul 2025 08:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 01 01:12:06 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	88	0.00
2 T	Dichlorodifluoromethane	1.322	1.259	4.8	92	0.00
3	Chlorodifluoromethane	1.722	1.763	-2.4	95	0.00
4	Chloromethane	0.535	0.500	6.5	90	0.00
5 T	Vinyl Chloride	0.528	0.464	12.1	99	0.00
6 T	Bromomethane	0.204	0.201	1.5	99	0.00
7	Chloroethane	0.204	0.187	8.3	93	0.00
8 T	Dichlorotetrafluoroethane	1.087	1.041	4.2	93	0.00
9 T	Propene	0.626	0.681	-8.8	101	0.00
10 T	Heptane	1.688	1.848	-9.5	99	0.02
11 T	Trichlorofluoromethane	1.363	1.244	8.7	89	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.036	0.994	4.1	93	0.00
13	Ethanol	0.083	0.052	37.3#	90	0.00
14 T	Bromoethene	0.367	0.353	3.8	92	0.00
15 T	Acetone	1.381	1.094	20.8	96	0.00
16 T	1,3-Butadiene	0.589	0.555	5.8	96	0.00
17	tert-Butyl alcohol	1.245	1.150	7.6	87	0.00
18 T	1,1-Dichloroethene	0.468	0.430	8.1	93	0.00
19 T	Isopropyl Alcohol	0.734	0.677	7.8	90	0.00
20 T	Methylene Chloride	0.435	0.373	14.3	97	0.00
21 T	Allyl Chloride	0.851	0.845	0.7	93	0.00
22 T	trans-1,2-Dichloroethene	0.503	0.484	3.8	92	0.00
23 T	Vinyl Acetate	1.674	2.050	-22.5	105	0.00
24 T	1,1-Dichloroethane	1.033	0.981	5.0	91	0.00
25 T	Ethyl Acetate	3.056	3.271	-7.0	97	0.00
26 T	Hexane	1.341	1.394	-4.0	95	0.00
27 T	Carbon Disulfide	1.148	1.189	-3.6	96	0.00
28 T	Methyl tert-Butyl Ether	0.633	0.632	0.2	100	0.00
29 T	Chloroform	2.072	2.165	-4.5	99	0.00
30 T	Cyclohexane	1.137	1.182	-4.0	92	0.01
31 T	cis-1,2-Dichloroethene	1.378	1.412	-2.5	95	0.00
32 T	1,1,1-Trichloroethane	2.158	2.126	1.5	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.01
34 T	2-Butanone	0.708	0.760	-7.3	97	0.00
35 T	Carbon Tetrachloride	0.743	0.793	-6.7	96	0.01
36 T	Benzene	0.948	1.000	-5.5	94	0.00
37 T	1,2-Dichloroethane	0.571	0.605	-6.0	95	0.00
38 T	Trichloroethene	0.455	0.455	0.0	94	0.02
39 T	1,2-Dichloropropane	0.350	0.367	-4.9	96	0.01
40 T	1,4-Dioxane	0.163	0.164	-0.6	98	0.02
41 T	Tetrahydrofuran	0.360	0.413	-14.7	97	0.00
42 T	Bromodichloromethane	0.744	0.827	-11.2	97	0.02
43	Methyl Methacrylate	0.337	0.385	-14.2	94	0.02
44 T	2,2,4-Trimethylpentane	1.545	1.721	-11.4	98	0.01
45 T	t-1,3-Dichloropropene	0.378	0.430	-13.8	91	0.02
46 T	cis-1,3-Dichloropropene	0.479	0.555	-15.9	93	0.02
47 T	1,1,2-Trichloroethane	0.373	0.396	-6.2	97	0.02
48 T	Dibromochloromethane	0.592	0.672	-13.5	95	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.516	0.596	-15.5	95	0.01
50 T	4-Methyl-2-Pentanone	0.912	1.013	-11.1	96	0.02
51 T	2-Hexanone	0.690	0.812	-17.7	95	0.02
52 T	Tetrachloroethene	0.393	0.366	6.9	91	0.00
53 T	Toluene	1.018	1.124	-10.4	93	0.02
54 T	1,2-Dibromoethane	0.527	0.584	-10.8	96	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.01
56	1,1,1,2-Tetrachloroethane	0.520	0.569	-9.4	96	0.01
57 T	Chlorobenzene	0.968	1.012	-4.5	94	0.01
58 T	Ethyl Benzene	1.579	1.780	-12.7	94	0.00
59 T	m/p-Xylene	1.262	1.455	-15.3	97	0.00
60 T	o-Xylene	1.261	1.439	-14.1	96	0.00
61 T	Styrene	0.531	0.623	-17.3	91	0.01
62	Isopropylbenzene	1.860	2.071	-11.3	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.810	0.843	-4.1	100	0.00
64	n-propylbenzene	0.485	0.561	-15.7	98	0.00
65	tert-Butylbenzene	1.652	1.853	-12.2	95	0.00
66 T	Benzyl Chloride	0.136	0.188	-38.2#	97	0.00
67	sec-Butylbenzene	2.350	2.619	-11.4	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.792	0.815	-2.9	83	0.01
69	p-Isopropyltoluene	1.916	2.207	-15.2	94	0.00
70	n-Butylbenzene	1.851	2.253	-21.7	95	0.00
71	2-Chlorotoluene	1.426	1.598	-12.1	95	0.00
72 T	4-Ethyltoluene	1.506	1.769	-17.5	95	0.00
73 T	1,3,5-Trimethylbenzene	1.240	1.462	-17.9	94	0.00
74 T	1,2,4-Trimethylbenzene	1.353	1.627	-20.3	96	0.00
75 T	1,3-Dichlorobenzene	0.948	1.048	-10.5	97	0.00
76 T	1,4-Dichlorobenzene	0.928	1.040	-12.1	95	0.00
77 T	1,2-Dichlorobenzene	0.932	1.008	-8.2	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.844	0.816	3.3	94	0.00
79 T	Naphthalene	0.958	1.624	-69.5#	94	0.00
80 T	Naphthalene,2-methyl-	0.326	0.721	-121.2#	86	0.00
81 T	1,2,4-Trichlorobenzene	0.635	0.910	-43.3#	93	0.00

(#) = Out of Range

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