

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062325\
 Data File : VL042663.D
 Acq On : 23 Jun 2025 08:41
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 24 06:40:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 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	105	0.00
2 T	Dichlorodifluoromethane	1.229	1.285	-4.6	119	0.00
3	Chlorodifluoromethane	1.693	1.658	2.1	118	0.00
4	Chloromethane	0.487	0.492	-1.0	112	0.00
5 T	Vinyl Chloride	0.496	0.466	6.0	112	0.00
6 T	Bromomethane	0.241	0.229	5.0	111	0.00
7	Chloroethane	0.193	0.186	3.6	111	0.00
8 T	Dichlorotetrafluoroethane	1.024	1.060	-3.5	117	0.00
9 T	Propene	0.682	0.633	7.2	102	0.00
10 T	Heptane	1.921	1.828	4.8	108	0.00
11 T	Trichlorofluoromethane	1.144	1.358	-18.7	133	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.898	1.025	-14.1	128	0.00
13	Ethanol	0.081	0.054	33.3#	97	0.00
14 T	Bromoethene	0.338	0.376	-11.2	124	0.00
15 T	Acetone	1.205	1.128	6.4	127	0.00
16 T	1,3-Butadiene	0.571	0.530	7.2	113	0.00
17	tert-Butyl alcohol	1.255	1.234	1.7	104	0.00
18 T	1,1-Dichloroethene	0.416	0.439	-5.5	122	0.00
19 T	Isopropyl Alcohol	0.720	0.705	2.1	112	0.00
20 T	Methylene Chloride	0.398	0.394	1.0	127	0.00
21 T	Allyl Chloride	0.850	0.844	0.7	112	0.00
22 T	trans-1,2-Dichloroethene	0.465	0.508	-9.2	124	0.00
23 T	Vinyl Acetate	1.628	1.910	-17.3	137	0.00
24 T	1,1-Dichloroethane	0.957	1.043	-9.0	121	0.00
25 T	Ethyl Acetate	3.296	3.228	2.1	111	0.00
26 T	Hexane	1.498	1.406	6.1	109	0.00
27 T	Carbon Disulfide	1.150	1.266	-10.1	124	0.00
28 T	Methyl tert-Butyl Ether	0.608	0.591	2.8	113	0.00
29 T	Chloroform	1.948	2.059	-5.7	123	0.00
30 T	Cyclohexane	1.242	1.129	9.1	103	0.00
31 T	cis-1,2-Dichloroethene	1.370	1.359	0.8	112	0.00
32 T	1,1,1-Trichloroethane	1.990	1.974	0.8	115	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.713	0.831	-16.5	114	0.00
35 T	Carbon Tetrachloride	0.660	0.794	-20.3	118	0.00
36 T	Benzene	0.985	1.089	-10.6	109	0.00
37 T	1,2-Dichloroethane	0.489	0.603	-23.3	121	0.00
38 T	Trichloroethene	0.419	0.429	-2.4	102	0.00
39 T	1,2-Dichloropropane	0.364	0.407	-11.8	111	0.00
40 T	1,4-Dioxane	0.163	0.179	-9.8	106	0.00
41 T	Tetrahydrofuran	0.417	0.451	-8.2	104	0.00
42 T	Bromodichloromethane	0.695	0.869	-25.0	119	0.00
43	Methyl Methacrylate	0.382	0.398	-4.2	98	0.00
44 T	2,2,4-Trimethylpentane	1.684	1.874	-11.3	110	0.00
45 T	t-1,3-Dichloropropene	0.437	0.461	-5.5	98	0.00
46 T	cis-1,3-Dichloropropene	0.548	0.597	-8.9	102	0.00
47 T	1,1,2-Trichloroethane	0.377	0.422	-11.9	110	0.00
48 T	Dibromochloromethane	0.603	0.684	-13.4	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.521	0.585	-12.3	103	0.00
50 T	4-Methyl-2-Pentanone	0.989	1.088	-10.0	102	0.00
51 T	2-Hexanone	0.784	0.860	-9.7	99	0.00
52 T	Tetrachloroethene	0.368	0.360	2.2	97	0.00
53 T	Toluene	1.138	1.184	-4.0	101	0.00
54 T	1,2-Dibromoethane	0.558	0.621	-11.3	108	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
56	1,1,1,2-Tetrachloroethane	0.503	0.588	-16.9	107	0.00
57 T	Chlorobenzene	0.971	1.068	-10.0	105	0.00
58 T	Ethyl Benzene	1.696	1.872	-10.4	103	0.00
59 T	m/p-Xylene	1.335	1.545	-15.7	108	0.00
60 T	o-Xylene	1.331	1.525	-14.6	109	0.00
61 T	Styrene	0.629	0.656	-4.3	94	0.00
62	Isopropylbenzene	1.967	2.216	-12.7	106	0.00
63 T	1,1,2,2-Tetrachloroethane	0.847	0.982	-15.9	115	0.00
64	n-propylbenzene	0.527	0.578	-9.7	104	0.00
65	tert-Butylbenzene	1.785	1.938	-8.6	104	0.00
66 T	Benzyl Chloride	0.230	0.203	11.7	71	0.00
67	sec-Butylbenzene	2.509	2.795	-11.4	108	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.795	-6.0	91	0.00
69	p-Isopropyltoluene	2.101	2.297	-9.3	104	0.00
70	n-Butylbenzene	2.074	2.363	-13.9	109	0.00
71	2-Chlorotoluene	1.500	1.693	-12.9	107	0.00
72 T	4-Ethyltoluene	1.660	1.865	-12.3	107	0.00
73 T	1,3,5-Trimethylbenzene	1.374	1.551	-12.9	107	0.00
74 T	1,2,4-Trimethylbenzene	1.524	1.716	-12.6	109	0.00
75 T	1,3-Dichlorobenzene	0.957	1.074	-12.2	109	0.00
76 T	1,4-Dichlorobenzene	0.955	1.076	-12.7	108	0.00
77 T	1,2-Dichlorobenzene	0.929	1.038	-11.7	110	0.00
78 T	Hexachloro-1,3-Butadiene	0.769	0.741	3.6	104	0.00
79 T	Naphthalene	1.437	1.631	-13.5	100	0.00
80 T	Naphthalene,2-methyl-	0.649	0.771	-18.8	91	0.00
81 T	1,2,4-Trichlorobenzene	0.802	0.843	-5.1	97	0.00

(#) = Out of Range

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