

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041917.D
 Acq On : 20 Jan 2025 12:25
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 21 03:02:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 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	93	-0.01
2 T	Dichlorodifluoromethane	1.362	1.438	-5.6	103	0.00
3	Chlorodifluoromethane	1.427	1.460	-2.3	102	0.00
4	Chloromethane	0.512	0.528	-3.1	100	0.00
5 T	Vinyl Chloride	0.519	0.532	-2.5	106	0.00
6 T	Bromomethane	0.247	0.246	0.4	100	0.00
7	Chloroethane	0.202	0.209	-3.5	101	0.00
8 T	Dichlorotetrafluoroethane	1.190	1.209	-1.6	103	0.00
9 T	Propene	0.588	0.598	-1.7	98	0.00
10 T	Heptane	1.571	1.617	-2.9	98	-0.03
11 T	Trichlorofluoromethane	1.417	1.394	1.6	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.110	1.133	-2.1	100	0.00
13	Ethanol	0.043	0.026#	39.5#	90	0.00
14 T	Bromoethene	0.407	0.398	2.2	100	0.00
15 T	Acetone	1.201	1.081	10.0	101	0.00
16 T	1,3-Butadiene	0.539	0.543	-0.7	102	0.00
17	tert-Butyl alcohol	1.478	1.330	10.0	88	0.00
18 T	1,1-Dichloroethene	0.501	0.488	2.6	99	0.00
19 T	Isopropyl Alcohol	0.712	0.628	11.8	94	0.00
20 T	Methylene Chloride	0.475	0.406	14.5	97	0.00
21 T	Allyl Chloride	0.832	0.847	-1.8	99	0.00
22 T	trans-1,2-Dichloroethene	0.565	0.563	0.4	97	0.00
23 T	Vinyl Acetate	0.595	0.560	5.9	97	0.00
24 T	1,1-Dichloroethane	1.093	1.100	-0.6	101	-0.01
25 T	Ethyl Acetate	3.239	3.333	-2.9	100	-0.01
26 T	Hexane	1.281	1.337	-4.4	99	-0.01
27 T	Carbon Disulfide	1.268	1.354	-6.8	100	0.00
28 T	Methyl tert-Butyl Ether	0.979	0.949	3.1	114	0.00
29 T	Chloroform	2.025	2.074	-2.4	101	-0.01
30 T	Cyclohexane	1.111	1.162	-4.6	100	-0.02
31 T	cis-1,2-Dichloroethene	1.349	1.365	-1.2	100	0.00
32 T	1,1,1-Trichloroethane	1.938	2.087	-7.7	102	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	-0.02
34 T	2-Butanone	0.636	0.678	-6.6	103	-0.01
35 T	Carbon Tetrachloride	0.628	0.722	-15.0	102	-0.02
36 T	Benzene	0.917	0.950	-3.6	99	-0.02
37 T	1,2-Dichloroethane	0.515	0.549	-6.6	102	-0.02
38 T	Trichloroethene	0.364	0.380	-4.4	98	-0.02
39 T	1,2-Dichloropropane	0.322	0.330	-2.5	99	-0.02
40 T	1,4-Dioxane	0.162	0.152	6.2	95	-0.03
41 T	Tetrahydrofuran	0.346	0.372	-7.5	98	-0.01
42 T	Bromodichloromethane	0.691	0.757	-9.6	101	-0.02
43	Methyl Methacrylate	0.341	0.355	-4.1	96	-0.02
44 T	2,2,4-Trimethylpentane	1.484	1.562	-5.3	98	-0.02
45 T	t-1,3-Dichloropropene	0.319	0.358	-12.2	97	-0.03
46 T	cis-1,3-Dichloropropene	0.419	0.465	-11.0	96	-0.03
47 T	1,1,2-Trichloroethane	0.341	0.367	-7.6	101	-0.02
48 T	Dibromochloromethane	0.526	0.607	-15.4	102	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.432	0.506	-17.1	101	-0.02
50 T	4-Methyl-2-Pentanone	0.868	0.925	-6.6	102	-0.03
51 T	2-Hexanone	0.667	0.721	-8.1	101	-0.02
52 T	Tetrachloroethene	0.318	0.313	1.6	98	-0.02
53 T	Toluene	0.999	1.072	-7.3	97	-0.03
54 T	1,2-Dibromoethane	0.469	0.507	-8.1	102	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	-0.02
56	1,1,1,2-Tetrachloroethane	0.499	0.537	-7.6	102	-0.02
57 T	Chlorobenzene	0.922	0.939	-1.8	101	-0.02
58 T	Ethyl Benzene	1.563	1.696	-8.5	100	-0.02
59 T	m/p-Xylene	1.253	1.362	-8.7	102	-0.02
60 T	o-Xylene	1.243	1.367	-10.0	102	-0.02
61 T	Styrene	0.558	0.628	-12.5	98	-0.02
62	Isopropylbenzene	1.924	2.059	-7.0	102	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.795	0.842	-5.9	103	-0.02
64	n-propylbenzene	0.486	0.523	-7.6	102	-0.01
65	tert-Butylbenzene	1.753	1.880	-7.2	103	-0.01
66 T	Benzyl Chloride	0.109	0.118	-8.3	94	-0.01
67	sec-Butylbenzene	2.414	2.571	-6.5	102	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.788	0.800	-1.5	94	-0.02
69	p-Isopropyltoluene	1.988	2.159	-8.6	103	-0.01
70	n-Butylbenzene	1.972	2.077	-5.3	100	-0.01
71	2-Chlorotoluene	1.423	1.527	-7.3	101	-0.02
72 T	4-Ethyltoluene	1.487	1.621	-9.0	101	-0.01
73 T	1,3,5-Trimethylbenzene	1.313	1.416	-7.8	103	-0.01
74 T	1,2,4-Trimethylbenzene	1.422	1.518	-6.8	103	-0.01
75 T	1,3-Dichlorobenzene	0.843	0.870	-3.2	103	-0.01
76 T	1,4-Dichlorobenzene	0.825	0.869	-5.3	103	-0.01
77 T	1,2-Dichlorobenzene	0.835	0.858	-2.8	104	-0.01
78 T	Hexachloro-1,3-Butadiene	0.686	0.624	9.0	98	-0.02
79 T	Naphthalene	1.432	1.373	4.1	100	-0.01
80 T	Naphthalene,2-methyl-	0.679	0.490	27.8	97	-0.01
81 T	1,2,4-Trichlorobenzene	0.699	0.652	6.7	100	-0.01

(#) = Out of Range

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