

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041977.D
 Acq On : 10 Feb 2025 08:32
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 11 01:18:00 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	101	-0.02
2 T	Dichlorodifluoromethane	1.362	1.330	2.3	104	0.00
3	Chlorodifluoromethane	1.427	1.525	-6.9	116	0.00
4	Chloromethane	0.512	0.565	-10.4	116	0.00
5 T	Vinyl Chloride	0.519	0.540	-4.0	117	0.00
6 T	Bromomethane	0.247	0.250	-1.2	111	0.00
7	Chloroethane	0.202	0.219	-8.4	115	0.00
8 T	Dichlorotetrafluoroethane	1.190	1.207	-1.4	112	0.00
9 T	Propene	0.588	0.607	-3.2	108	0.00
10 T	Heptane	1.571	1.754	-11.6	116	-0.04
11 T	Trichlorofluoromethane	1.417	1.372	3.2	104	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.110	1.128	-1.6	108	-0.01
13	Ethanol	0.043	0.030#	30.2#	113	0.00
14 T	Bromoethene	0.407	0.378	7.1	103	0.00
15 T	Acetone	1.201	1.169	2.7	119	-0.01
16 T	1,3-Butadiene	0.539	0.566	-5.0	116	0.00
17	tert-Butyl alcohol	1.478	1.361	7.9	99	0.00
18 T	1,1-Dichloroethene	0.501	0.493	1.6	109	0.00
19 T	Isopropyl Alcohol	0.712	0.646	9.3	105	0.00
20 T	Methylene Chloride	0.475	0.438	7.8	114	-0.01
21 T	Allyl Chloride	0.832	0.881	-5.9	113	0.00
22 T	trans-1,2-Dichloroethene	0.565	0.565	0.0	106	-0.01
23 T	Vinyl Acetate	0.595	0.634	-6.6	119	-0.01
24 T	1,1-Dichloroethane	1.093	1.128	-3.2	112	-0.02
25 T	Ethyl Acetate	3.239	3.612	-11.5	118	-0.02
26 T	Hexane	1.281	1.382	-7.9	111	-0.02
27 T	Carbon Disulfide	1.268	1.378	-8.7	111	-0.01
28 T	Methyl tert-Butyl Ether	0.979	0.744	24.0	97	-0.02
29 T	Chloroform	2.025	2.167	-7.0	115	-0.02
30 T	Cyclohexane	1.111	1.149	-3.4	107	-0.02
31 T	cis-1,2-Dichloroethene	1.349	1.330	1.4	106	-0.02
32 T	1,1,1-Trichloroethane	1.938	2.010	-3.7	107	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	-0.03
34 T	2-Butanone	0.636	0.778	-22.3	118	-0.02
35 T	Carbon Tetrachloride	0.628	0.768	-22.3	108	-0.03
36 T	Benzene	0.917	1.068	-16.5	110	-0.02
37 T	1,2-Dichloroethane	0.515	0.586	-13.8	109	-0.02
38 T	Trichloroethene	0.364	0.411	-12.9	106	-0.03
39 T	1,2-Dichloropropane	0.322	0.375	-16.5	112	-0.03
40 T	1,4-Dioxane	0.162	0.176	-8.6	109	-0.03
41 T	Tetrahydrofuran	0.346	0.422	-22.0	111	-0.02
42 T	Bromodichloromethane	0.691	0.829	-20.0	111	-0.03
43	Methyl Methacrylate	0.341	0.376	-10.3	101	-0.03
44 T	2,2,4-Trimethylpentane	1.484	1.821	-22.7	114	-0.03
45 T	t-1,3-Dichloropropene	0.319	0.341	-6.9	92	-0.03
46 T	cis-1,3-Dichloropropene	0.419	0.468	-11.7	96	-0.04
47 T	1,1,2-Trichloroethane	0.341	0.413	-21.1	113	-0.03
48 T	Dibromochloromethane	0.526	0.652	-24.0	109	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.432	0.545	-26.2	108	-0.02
50 T	4-Methyl-2-Pentanone	0.868	1.055	-21.5	116	-0.04
51 T	2-Hexanone	0.667	0.815	-22.2	114	-0.03
52 T	Tetrachloroethene	0.318	0.341	-7.2	107	-0.03
53 T	Toluene	0.999	1.152	-15.3	104	-0.03
54 T	1,2-Dibromoethane	0.469	0.552	-17.7	111	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	-0.02
56	1,1,1,2-Tetrachloroethane	0.499	0.628	-25.9	116	-0.03
57 T	Chlorobenzene	0.922	1.116	-21.0	117	-0.03
58 T	Ethyl Benzene	1.563	1.845	-18.0	105	-0.02
59 T	m/p-Xylene	1.253	1.573	-25.5	114	-0.02
60 T	o-Xylene	1.243	1.561	-25.6	113	-0.02
61 T	Styrene	0.558	0.675	-21.0	102	-0.02
62	Isopropylbenzene	1.924	2.347	-22.0	112	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.795	1.045	-31.4#	123	-0.02
64	n-propylbenzene	0.486	0.615	-26.5	116	-0.02
65	tert-Butylbenzene	1.753	2.167	-23.6	115	-0.02
66 T	Benzyl Chloride	0.109	0.128	-17.4	99	-0.02
67	sec-Butylbenzene	2.414	2.992	-23.9	115	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.788	0.783	0.6	89	-0.02
69	p-Isopropyltoluene	1.988	2.481	-24.8	114	-0.02
70	n-Butylbenzene	1.972	2.408	-22.1	112	-0.02
71	2-Chlorotoluene	1.423	1.723	-21.1	110	-0.02
72 T	4-Ethyltoluene	1.487	1.866	-25.5	113	-0.02
73 T	1,3,5-Trimethylbenzene	1.313	1.611	-22.7	113	-0.02
74 T	1,2,4-Trimethylbenzene	1.422	1.769	-24.4	116	-0.02
75 T	1,3-Dichlorobenzene	0.843	1.034	-22.7	118	-0.02
76 T	1,4-Dichlorobenzene	0.825	1.027	-24.5	118	-0.02
77 T	1,2-Dichlorobenzene	0.835	1.036	-24.1	121	-0.02
78 T	Hexachloro-1,3-Butadiene	0.686	0.689	-0.4	104	-0.02
79 T	Naphthalene	1.432	1.537	-7.3	108	-0.02
80 T	Naphthalene,2-methyl-	0.679	0.429	36.8#	82	-0.02
81 T	1,2,4-Trichlorobenzene	0.699	0.686	1.9	102	-0.02

(#) = Out of Range

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