

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041975.D
 Acq On : 04 Feb 2025 08:34
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 04 09:12:51 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	100	0.00
2 T	Dichlorodifluoromethane	1.362	1.421	-4.3	109	0.00
3	Chlorodifluoromethane	1.427	1.492	-4.6	112	0.00
4	Chloromethane	0.512	0.559	-9.2	113	0.00
5 T	Vinyl Chloride	0.519	0.518	0.2	111	0.00
6 T	Bromomethane	0.247	0.246	0.4	107	0.00
7	Chloroethane	0.202	0.208	-3.0	108	0.00
8 T	Dichlorotetrafluoroethane	1.190	1.181	0.8	108	0.00
9 T	Propene	0.588	0.576	2.0	101	0.00
10 T	Heptane	1.571	1.773	-12.9	115	0.00
11 T	Trichlorofluoromethane	1.417	1.394	1.6	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.110	1.106	0.4	104	0.00
13	Ethanol	0.043	0.027#	37.2#	99	0.00
14 T	Bromoethene	0.407	0.375	7.9	101	0.00
15 T	Acetone	1.201	1.146	4.6	115	0.00
16 T	1,3-Butadiene	0.539	0.567	-5.2	114	0.00
17	tert-Butyl alcohol	1.478	1.326	10.3	94	0.00
18 T	1,1-Dichloroethene	0.501	0.487	2.8	106	0.00
19 T	Isopropyl Alcohol	0.712	0.648	9.0	104	0.00
20 T	Methylene Chloride	0.475	0.425	10.5	109	0.00
21 T	Allyl Chloride	0.832	0.863	-3.7	109	0.00
22 T	trans-1,2-Dichloroethene	0.565	0.549	2.8	101	0.00
23 T	Vinyl Acetate	0.595	0.487	18.2	90	0.00
24 T	1,1-Dichloroethane	1.093	1.116	-2.1	109	0.00
25 T	Ethyl Acetate	3.239	3.584	-10.7	115	0.00
26 T	Hexane	1.281	1.379	-7.7	109	0.00
27 T	Carbon Disulfide	1.268	1.330	-4.9	105	0.00
28 T	Methyl tert-Butyl Ether	0.979	0.708	27.7	91	0.00
29 T	Chloroform	2.025	2.144	-5.9	112	0.00
30 T	Cyclohexane	1.111	1.128	-1.5	104	0.00
31 T	cis-1,2-Dichloroethene	1.349	1.289	4.4	101	0.00
32 T	1,1,1-Trichloroethane	1.938	2.019	-4.2	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.636	0.726	-14.2	109	0.00
35 T	Carbon Tetrachloride	0.628	0.773	-23.1	108	0.00
36 T	Benzene	0.917	1.036	-13.0	106	0.00
37 T	1,2-Dichloroethane	0.515	0.575	-11.7	106	0.00
38 T	Trichloroethene	0.364	0.412	-13.2	105	0.00
39 T	1,2-Dichloropropane	0.322	0.367	-14.0	109	0.00
40 T	1,4-Dioxane	0.162	0.176	-8.6	108	0.00
41 T	Tetrahydrofuran	0.346	0.407	-17.6	106	0.00
42 T	Bromodichloromethane	0.691	0.802	-16.1	106	0.00
43	Methyl Methacrylate	0.341	0.369	-8.2	99	0.00
44 T	2,2,4-Trimethylpentane	1.484	1.789	-20.6	111	0.00
45 T	t-1,3-Dichloropropene	0.319	0.330	-3.4	88	0.00
46 T	cis-1,3-Dichloropropene	0.419	0.454	-8.4	92	0.00
47 T	1,1,2-Trichloroethane	0.341	0.414	-21.4	112	0.00
48 T	Dibromochloromethane	0.526	0.622	-18.3	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.432	0.529	-22.5	104	0.00
50 T	4-Methyl-2-Pentanone	0.868	1.050	-21.0	114	0.00
51 T	2-Hexanone	0.667	0.827	-24.0	115	0.00
52 T	Tetrachloroethene	0.318	0.332	-4.4	103	0.00
53 T	Toluene	0.999	1.153	-15.4	103	0.00
54 T	1,2-Dibromoethane	0.469	0.549	-17.1	109	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.499	0.631	-26.5	114	0.00
57 T	Chlorobenzene	0.922	1.151	-24.8	118	0.00
58 T	Ethyl Benzene	1.563	1.887	-20.7	106	0.00
59 T	m/p-Xylene	1.253	1.617	-29.1	115	0.00
60 T	o-Xylene	1.243	1.596	-28.4	114	0.00
61 T	Styrene	0.558	0.685	-22.8	102	0.00
62	Isopropylbenzene	1.924	2.365	-22.9	111	0.00
63 T	1,1,2,2-Tetrachloroethane	0.795	1.024	-28.8	119	0.00
64	n-propylbenzene	0.486	0.627	-29.0	117	0.00
65	tert-Butylbenzene	1.753	2.131	-21.6	111	0.00
66 T	Benzyl Chloride	0.109	0.123	-12.8	93	0.00
67	sec-Butylbenzene	2.414	2.986	-23.7	113	0.00
68 S	1-Bromo-4-Fluorobenzene	0.788	0.791	-0.4	88	0.00
69	p-Isopropyltoluene	1.988	2.473	-24.4	112	0.00
70	n-Butylbenzene	1.972	2.401	-21.8	110	0.00
71	2-Chlorotoluene	1.423	1.750	-23.0	110	0.00
72 T	4-Ethyltoluene	1.487	1.935	-30.1#	115	0.00
73 T	1,3,5-Trimethylbenzene	1.313	1.639	-24.8	113	0.00
74 T	1,2,4-Trimethylbenzene	1.422	1.806	-27.0	117	0.00
75 T	1,3-Dichlorobenzene	0.843	1.051	-24.7	118	0.00
76 T	1,4-Dichlorobenzene	0.825	1.042	-26.3	118	0.00
77 T	1,2-Dichlorobenzene	0.835	1.029	-23.2	119	0.00
78 T	Hexachloro-1,3-Butadiene	0.686	0.621	9.5	93	0.00
79 T	Naphthalene	1.432	1.447	-1.0	101	0.00
80 T	Naphthalene,2-methyl-	0.679	0.455	33.0#	86	0.00
81 T	1,2,4-Trichlorobenzene	0.699	0.624	10.7	91	0.00

(#) = Out of Range

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