

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041942.D
 Acq On : 21 Jan 2025 12:06
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 21 12:44:24 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	90	-0.02
2 T	Dichlorodifluoromethane	1.362	1.487	-9.2	103	0.00
3	Chlorodifluoromethane	1.427	1.525	-6.9	103	0.00
4	Chloromethane	0.512	0.565	-10.4	103	0.00
5 T	Vinyl Chloride	0.519	0.554	-6.7	107	0.00
6 T	Bromomethane	0.247	0.255	-3.2	101	-0.01
7	Chloroethane	0.202	0.224	-10.9	105	0.00
8 T	Dichlorotetrafluoroethane	1.190	1.230	-3.4	101	0.00
9 T	Propene	0.588	0.627	-6.6	100	0.00
10 T	Heptane	1.571	1.803	-14.8	106	-0.04
11 T	Trichlorofluoromethane	1.417	1.417	0.0	96	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.110	1.104	0.5	94	-0.02
13	Ethanol	0.043	0.025#	41.9#	84	0.00
14 T	Bromoethene	0.407	0.397	2.5	97	-0.01
15 T	Acetone	1.201	1.133	5.7	103	-0.01
16 T	1,3-Butadiene	0.539	0.581	-7.8	106	0.00
17	tert-Butyl alcohol	1.478	1.369	7.4	88	-0.01
18 T	1,1-Dichloroethene	0.501	0.483	3.6	95	-0.01
19 T	Isopropyl Alcohol	0.712	0.633	11.1	92	0.00
20 T	Methylene Chloride	0.475	0.432	9.1	100	-0.02
21 T	Allyl Chloride	0.832	0.845	-1.6	96	-0.01
22 T	trans-1,2-Dichloroethene	0.565	0.586	-3.7	98	-0.01
23 T	Vinyl Acetate	0.595	0.398	33.1#	67	-0.01
24 T	1,1-Dichloroethane	1.093	1.169	-7.0	104	-0.02
25 T	Ethyl Acetate	3.239	3.643	-12.5	106	-0.02
26 T	Hexane	1.281	1.440	-12.4	103	-0.02
27 T	Carbon Disulfide	1.268	1.323	-4.3	95	-0.01
28 T	Methyl tert-Butyl Ether	0.979	0.728	25.6	85	-0.02
29 T	Chloroform	2.025	2.228	-10.0	105	-0.02
30 T	Cyclohexane	1.111	1.185	-6.7	99	-0.03
31 T	cis-1,2-Dichloroethene	1.349	1.403	-4.0	99	-0.02
32 T	1,1,1-Trichloroethane	1.938	2.104	-8.6	100	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	-0.03
34 T	2-Butanone	0.636	0.735	-15.6	105	-0.02
35 T	Carbon Tetrachloride	0.628	0.771	-22.8	102	-0.03
36 T	Benzene	0.917	1.042	-13.6	101	-0.03
37 T	1,2-Dichloroethane	0.515	0.592	-15.0	103	-0.02
38 T	Trichloroethene	0.364	0.415	-14.0	101	-0.03
39 T	1,2-Dichloropropane	0.322	0.360	-11.8	101	-0.03
40 T	1,4-Dioxane	0.162	0.164	-1.2	95	-0.04
41 T	Tetrahydrofuran	0.346	0.410	-18.5	101	-0.02
42 T	Bromodichloromethane	0.691	0.802	-16.1	101	-0.04
43	Methyl Methacrylate	0.341	0.386	-13.2	98	-0.03
44 T	2,2,4-Trimethylpentane	1.484	1.754	-18.2	103	-0.04
45 T	t-1,3-Dichloropropene	0.319	0.355	-11.3	90	-0.04
46 T	cis-1,3-Dichloropropene	0.419	0.479	-14.3	92	-0.04
47 T	1,1,2-Trichloroethane	0.341	0.401	-17.6	103	-0.03
48 T	Dibromochloromethane	0.526	0.628	-19.4	99	-0.03

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49 T	Bromoform	0.432	0.513	-18.8	96	-0.03
50 T	4-Methyl-2-Pentanone	0.868	1.010	-16.4	104	-0.04
51 T	2-Hexanone	0.667	0.814	-22.0	107	-0.03
52 T	Tetrachloroethene	0.318	0.339	-6.6	100	-0.03
53 T	Toluene	0.999	1.164	-16.5	99	-0.04
54 T	1,2-Dibromoethane	0.469	0.546	-16.4	103	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	-0.03
56	1,1,1,2-Tetrachloroethane	0.499	0.584	-17.0	103	-0.03
57 T	Chlorobenzene	0.922	1.070	-16.1	107	-0.03
58 T	Ethyl Benzene	1.563	1.864	-19.3	102	-0.03
59 T	m/p-Xylene	1.253	1.548	-23.5	107	-0.03
60 T	o-Xylene	1.243	1.529	-23.0	106	-0.03
61 T	Styrene	0.558	0.690	-23.7	100	-0.03
62	Isopropylbenzene	1.924	2.285	-18.8	104	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.795	0.949	-19.4	107	-0.03
64	n-propylbenzene	0.486	0.589	-21.2	106	-0.02
65	tert-Butylbenzene	1.753	2.034	-16.0	103	-0.02
66 T	Benzyl Chloride	0.109	0.104	4.6	76	-0.02
67	sec-Butylbenzene	2.414	2.835	-17.4	104	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.788	0.804	-2.0	87	-0.03
69	p-Isopropyltoluene	1.988	2.368	-19.1	104	-0.02
70	n-Butylbenzene	1.972	2.299	-16.6	103	-0.02
71	2-Chlorotoluene	1.423	1.689	-18.7	103	-0.02
72 T	4-Ethyltoluene	1.487	1.848	-24.3	107	-0.02
73 T	1,3,5-Trimethylbenzene	1.313	1.560	-18.8	105	-0.02
74 T	1,2,4-Trimethylbenzene	1.422	1.705	-19.9	107	-0.02
75 T	1,3-Dichlorobenzene	0.843	0.993	-17.8	108	-0.02
76 T	1,4-Dichlorobenzene	0.825	0.980	-18.8	108	-0.02
77 T	1,2-Dichlorobenzene	0.835	0.961	-15.1	107	-0.02
78 T	Hexachloro-1,3-Butadiene	0.686	0.615	10.3	89	-0.02
79 T	Naphthalene	1.432	1.398	2.4	94	-0.02
80 T	Naphthalene,2-methyl-	0.679	0.507	25.3	93	-0.02
81 T	1,2,4-Trichlorobenzene	0.699	0.627	10.3	89	-0.02

(#) = Out of Range

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