

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042796.D
 Acq On : 04 Aug 2025 09:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 05 00:59:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 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	98	0.00
2 T	Dichlorodifluoromethane	1.322	1.326	-0.3	109	0.00
3	Chlorodifluoromethane	1.722	1.773	-3.0	107	0.00
4	Chloromethane	0.535	0.535	0.0	109	0.00
5 T	Vinyl Chloride	0.528	0.489	7.4	117	0.00
6 T	Bromomethane	0.204	0.210	-2.9	116	0.00
7	Chloroethane	0.204	0.203	0.5	113	0.00
8 T	Dichlorotetrafluoroethane	1.087	1.084	0.3	109	0.00
9 T	Propene	0.626	0.641	-2.4	106	0.00
10 T	Heptane	1.688	1.847	-9.4	111	0.00
11 T	Trichlorofluoromethane	1.363	1.392	-2.1	112	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.036	1.043	-0.7	109	0.00
13	Ethanol	0.083	0.047#	43.4#	93	0.00
14 T	Bromoethene	0.367	0.383	-4.4	112	0.00
15 T	Acetone	1.381	1.131	18.1	111	0.00
16 T	1,3-Butadiene	0.589	0.574	2.5	111	0.00
17	tert-Butyl alcohol	1.245	1.248	-0.2	105	0.00
18 T	1,1-Dichloroethene	0.468	0.469	-0.2	114	0.00
19 T	Isopropyl Alcohol	0.734	0.726	1.1	108	0.00
20 T	Methylene Chloride	0.435	0.394	9.4	115	0.00
21 T	Allyl Chloride	0.851	0.906	-6.5	111	0.00
22 T	trans-1,2-Dichloroethene	0.503	0.515	-2.4	110	0.00
23 T	Vinyl Acetate	1.674	1.836	-9.7	106	0.00
24 T	1,1-Dichloroethane	1.033	1.068	-3.4	111	0.00
25 T	Ethyl Acetate	3.056	3.310	-8.3	110	0.00
26 T	Hexane	1.341	1.417	-5.7	109	0.00
27 T	Carbon Disulfide	1.148	1.273	-10.9	115	0.00
28 T	Methyl tert-Butyl Ether	0.633	0.596	5.8	105	0.00
29 T	Chloroform	2.072	2.180	-5.2	112	0.00
30 T	Cyclohexane	1.137	1.159	-1.9	101	0.00
31 T	cis-1,2-Dichloroethene	1.378	1.400	-1.6	105	0.00
32 T	1,1,1-Trichloroethane	2.158	2.147	0.5	108	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.708	0.802	-13.3	112	0.00
35 T	Carbon Tetrachloride	0.743	0.823	-10.8	108	0.00
36 T	Benzene	0.948	1.029	-8.5	106	0.00
37 T	1,2-Dichloroethane	0.571	0.629	-10.2	108	0.00
38 T	Trichloroethene	0.455	0.465	-2.2	105	0.00
39 T	1,2-Dichloropropane	0.350	0.379	-8.3	108	0.00
40 T	1,4-Dioxane	0.163	0.165	-1.2	108	0.00
41 T	Tetrahydrofuran	0.360	0.421	-16.9	107	0.00
42 T	Bromodichloromethane	0.744	0.864	-16.1	110	0.00
43	Methyl Methacrylate	0.337	0.391	-16.0	103	0.00
44 T	2,2,4-Trimethylpentane	1.545	1.770	-14.6	110	0.00
45 T	t-1,3-Dichloropropene	0.378	0.435	-15.1	100	0.00
46 T	cis-1,3-Dichloropropene	0.479	0.565	-18.0	103	0.00
47 T	1,1,2-Trichloroethane	0.373	0.413	-10.7	110	0.00
48 T	Dibromochloromethane	0.592	0.708	-19.6	109	0.00

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49 T	Bromoform	0.516	0.616	-19.4	107	0.00
50 T	4-Methyl-2-Pentanone	0.912	1.064	-16.7	110	0.00
51 T	2-Hexanone	0.690	0.845	-22.5	107	0.00
52 T	Tetrachloroethene	0.393	0.380	3.3	103	0.00
53 T	Toluene	1.018	1.148	-12.8	104	0.00
54 T	1,2-Dibromoethane	0.527	0.588	-11.6	105	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.520	0.597	-14.8	111	0.00
57 T	Chlorobenzene	0.968	1.046	-8.1	107	0.00
58 T	Ethyl Benzene	1.579	1.821	-15.3	106	0.00
59 T	m/p-Xylene	1.262	1.492	-18.2	109	0.00
60 T	o-Xylene	1.261	1.505	-19.3	111	0.00
61 T	Styrene	0.531	0.621	-16.9	100	0.00
62	Isopropylbenzene	1.860	2.140	-15.1	107	0.00
63 T	1,1,2,2-Tetrachloroethane	0.810	0.862	-6.4	112	0.00
64	n-propylbenzene	0.485	0.560	-15.5	107	0.00
65	tert-Butylbenzene	1.652	1.922	-16.3	108	0.00
66 T	Benzyl Chloride	0.136	0.186	-36.8#	105	0.00
67	sec-Butylbenzene	2.350	2.671	-13.7	108	0.00
68 S	1-Bromo-4-Fluorobenzene	0.792	0.816	-3.0	92	0.00
69	p-Isopropyltoluene	1.916	2.304	-20.3	108	0.00
70	n-Butylbenzene	1.851	2.322	-25.4	108	0.00
71	2-Chlorotoluene	1.426	1.640	-15.0	107	0.00
72 T	4-Ethyltoluene	1.506	1.803	-19.7	106	0.00
73 T	1,3,5-Trimethylbenzene	1.240	1.506	-21.5	106	0.00
74 T	1,2,4-Trimethylbenzene	1.353	1.672	-23.6	109	0.00
75 T	1,3-Dichlorobenzene	0.948	1.085	-14.5	110	0.00
76 T	1,4-Dichlorobenzene	0.928	1.084	-16.8	109	0.00
77 T	1,2-Dichlorobenzene	0.932	1.035	-11.1	110	0.00
78 T	Hexachloro-1,3-Butadiene	0.844	0.836	0.9	106	0.00
79 T	Naphthalene	0.958	1.604	-67.4#	102	0.00
80 T	Naphthalene,2-methyl-	0.326	0.625	-91.7#	82	0.00
81 T	1,2,4-Trichlorobenzene	0.635	0.904	-42.4#	102	0.00

(#) = Out of Range

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