

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042824.D
 Acq On : 07 Aug 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 08 01:12:22 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	96	0.00
2 T	Dichlorodifluoromethane	1.322	1.295	2.0	104	0.00
3	Chlorodifluoromethane	1.722	1.698	1.4	100	0.00
4	Chloromethane	0.535	0.530	0.9	105	0.00
5 T	Vinyl Chloride	0.528	0.454	14.0	106	0.00
6 T	Bromomethane	0.204	0.196	3.9	106	0.00
7	Chloroethane	0.204	0.192	5.9	105	0.00
8 T	Dichlorotetrafluoroethane	1.087	1.047	3.7	103	0.00
9 T	Propene	0.626	0.553	11.7	90	0.00
10 T	Heptane	1.688	1.743	-3.3	103	0.00
11 T	Trichlorofluoromethane	1.363	1.322	3.0	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.036	1.013	2.2	104	0.00
13	Ethanol	0.083	0.044#	47.0#	84	0.00
14 T	Bromoethene	0.367	0.354	3.5	101	0.00
15 T	Acetone	1.381	1.104	20.1	106	0.00
16 T	1,3-Butadiene	0.589	0.545	7.5	103	0.00
17	tert-Butyl alcohol	1.245	1.127	9.5	93	0.00
18 T	1,1-Dichloroethene	0.468	0.424	9.4	101	0.00
19 T	Isopropyl Alcohol	0.734	0.680	7.4	99	0.00
20 T	Methylene Chloride	0.435	0.381	12.4	109	0.00
21 T	Allyl Chloride	0.851	0.837	1.6	101	0.00
22 T	trans-1,2-Dichloroethene	0.503	0.492	2.2	103	0.00
23 T	Vinyl Acetate	1.674	1.811	-8.2	102	0.00
24 T	1,1-Dichloroethane	1.033	1.028	0.5	105	0.00
25 T	Ethyl Acetate	3.056	3.076	-0.7	100	0.00
26 T	Hexane	1.341	1.304	2.8	98	0.00
27 T	Carbon Disulfide	1.148	1.188	-3.5	105	0.00
28 T	Methyl tert-Butyl Ether	0.633	0.632	0.2	109	0.00
29 T	Chloroform	2.072	2.128	-2.7	107	0.00
30 T	Cyclohexane	1.137	1.065	6.3	91	0.00
31 T	cis-1,2-Dichloroethene	1.378	1.264	8.3	93	0.00
32 T	1,1,1-Trichloroethane	2.158	2.030	5.9	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.708	0.743	-4.9	99	0.00
35 T	Carbon Tetrachloride	0.743	0.811	-9.2	102	0.00
36 T	Benzene	0.948	0.968	-2.1	96	0.00
37 T	1,2-Dichloroethane	0.571	0.602	-5.4	99	0.00
38 T	Trichloroethene	0.455	0.438	3.7	95	0.00
39 T	1,2-Dichloropropane	0.350	0.359	-2.6	98	-0.01
40 T	1,4-Dioxane	0.163	0.154	5.5	96	-0.02
41 T	Tetrahydrofuran	0.360	0.388	-7.8	95	0.00
42 T	Bromodichloromethane	0.744	0.825	-10.9	101	0.00
43	Methyl Methacrylate	0.337	0.352	-4.5	90	0.00
44 T	2,2,4-Trimethylpentane	1.545	1.691	-9.4	101	0.00
45 T	t-1,3-Dichloropropene	0.378	0.382	-1.1	84	-0.01
46 T	cis-1,3-Dichloropropene	0.479	0.494	-3.1	86	0.00
47 T	1,1,2-Trichloroethane	0.373	0.389	-4.3	99	-0.01
48 T	Dibromochloromethane	0.592	0.664	-12.2	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.516	0.596	-15.5	100	0.00
50 T	4-Methyl-2-Pentanone	0.912	0.995	-9.1	98	0.00
51 T	2-Hexanone	0.690	0.796	-15.4	97	0.00
52 T	Tetrachloroethene	0.393	0.356	9.4	93	0.00
53 T	Toluene	1.018	1.056	-3.7	92	0.00
54 T	1,2-Dibromoethane	0.527	0.569	-8.0	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
56	1,1,1,2-Tetrachloroethane	0.520	0.603	-16.0	104	0.00
57 T	Chlorobenzene	0.968	1.059	-9.4	100	0.00
58 T	Ethyl Benzene	1.579	1.757	-11.3	94	0.00
59 T	m/p-Xylene	1.262	1.512	-19.8	102	0.00
60 T	o-Xylene	1.261	1.496	-18.6	101	0.00
61 T	Styrene	0.531	0.592	-11.5	88	0.00
62	Isopropylbenzene	1.860	2.141	-15.1	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.810	0.910	-12.3	109	0.00
64	n-propylbenzene	0.485	0.579	-19.4	103	0.00
65	tert-Butylbenzene	1.652	1.955	-18.3	101	0.00
66 T	Benzyl Chloride	0.136	0.193	-41.9#	101	0.00
67	sec-Butylbenzene	2.350	2.748	-16.9	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.792	0.826	-4.3	86	0.00
69	p-Isopropyltoluene	1.916	2.346	-22.4	101	0.00
70	n-Butylbenzene	1.851	2.399	-29.6	103	0.00
71	2-Chlorotoluene	1.426	1.642	-15.1	98	0.00
72 T	4-Ethyltoluene	1.506	1.838	-22.0	100	0.00
73 T	1,3,5-Trimethylbenzene	1.240	1.545	-24.6	101	0.00
74 T	1,2,4-Trimethylbenzene	1.353	1.736	-28.3	104	0.00
75 T	1,3-Dichlorobenzene	0.948	1.102	-16.2	103	0.00
76 T	1,4-Dichlorobenzene	0.928	1.116	-20.3	104	0.00
77 T	1,2-Dichlorobenzene	0.932	1.086	-16.5	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.844	0.863	-2.3	101	0.00
79 T	Naphthalene	0.958	1.606	-67.6#	94	0.00
80 T	Naphthalene,2-methyl-	0.326	0.581	-78.2#	70	0.00
81 T	1,2,4-Trichlorobenzene	0.635	0.894	-40.8#	93	0.00

(#) = Out of Range

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