

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082125\
 Data File : VL042866.D
 Acq On : 21 Aug 2025 13:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 22 01:22:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 14 02:12:54 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	102	0.00
2 T	Dichlorodifluoromethane	1.466	1.396	4.8	106	0.00
3	Chlorodifluoromethane	1.620	1.549	4.4	105	0.00
4	Chloromethane	0.591	0.551	6.8	105	0.00
5 T	Vinyl Chloride	0.582	0.489	16.0	99	0.00
6 T	Bromomethane	0.233	0.197	15.5	99	0.00
7	Chloroethane	0.227	0.203	10.6	102	0.00
8 T	Dichlorotetrafluoroethane	1.199	1.114	7.1	101	0.00
9 T	Propene	0.700	0.603	13.9	94	0.00
10 T	Heptane	1.874	1.655	11.7	98	0.00
11 T	Trichlorofluoromethane	1.446	1.359	6.0	109	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.152	1.060	8.0	103	0.00
13	Ethanol	0.064	0.045#	29.7	99	0.00
14 T	Bromoethene	0.417	0.390	6.5	104	0.00
15 T	Acetone	1.323	1.034	21.8	111	0.00
16 T	1,3-Butadiene	0.600	0.503	16.2	103	0.00
17	tert-Butyl alcohol	1.569	1.325	15.6	99	0.00
18 T	1,1-Dichloroethene	0.507	0.482	4.9	105	0.00
19 T	Isopropyl Alcohol	0.790	0.698	11.6	110	0.00
20 T	Methylene Chloride	0.554	0.426	23.1	105	0.00
21 T	Allyl Chloride	0.935	0.848	9.3	102	0.00
22 T	trans-1,2-Dichloroethene	0.586	0.537	8.4	102	0.00
23 T	Vinyl Acetate	1.819	1.645	9.6	101	0.00
24 T	1,1-Dichloroethane	1.171	1.088	7.1	107	0.00
25 T	Ethyl Acetate	3.202	2.917	8.9	101	0.00
26 T	Hexane	1.478	1.349	8.7	99	0.00
27 T	Carbon Disulfide	1.438	1.354	5.8	105	0.00
28 T	Methyl tert-Butyl Ether	0.754	0.648	14.1	100	0.00
29 T	Chloroform	2.110	2.033	3.6	107	0.00
30 T	Cyclohexane	1.296	1.169	9.8	98	0.00
31 T	cis-1,2-Dichloroethene	1.476	1.351	8.5	102	0.00
32 T	1,1,1-Trichloroethane	2.230	2.080	6.7	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
34 T	2-Butanone	0.675	0.650	3.7	103	0.00
35 T	Carbon Tetrachloride	0.689	0.701	-1.7	106	0.00
36 T	Benzene	0.958	0.940	1.9	99	0.00
37 T	1,2-Dichloroethane	0.500	0.540	-8.0	108	0.00
38 T	Trichloroethene	0.437	0.405	7.3	98	0.00
39 T	1,2-Dichloropropane	0.350	0.341	2.6	101	0.00
40 T	1,4-Dioxane	0.166	0.146	12.0	95	0.00
41 T	Tetrahydrofuran	0.376	0.358	4.8	97	0.00
42 T	Bromodichloromethane	0.745	0.768	-3.1	105	0.00
43	Methyl Methacrylate	0.394	0.362	8.1	95	0.00
44 T	2,2,4-Trimethylpentane	1.625	1.540	5.2	98	0.00
45 T	t-1,3-Dichloropropene	0.445	0.425	4.5	95	0.00
46 T	cis-1,3-Dichloropropene	0.555	0.543	2.2	97	0.00
47 T	1,1,2-Trichloroethane	0.371	0.366	1.3	103	0.00
48 T	Dibromochloromethane	0.600	0.602	-0.3	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.495	0.478	3.4	94	0.00
50 T	4-Methyl-2-Pentanone	0.913	0.870	4.7	95	0.00
51 T	2-Hexanone	0.718	0.700	2.5	97	0.00
52 T	Tetrachloroethene	0.346	0.298	13.9	92	0.00
53 T	Toluene	1.138	1.067	6.2	96	0.00
54 T	1,2-Dibromoethane	0.542	0.533	1.7	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	0.517	0.504	2.5	99	0.00
57 T	Chlorobenzene	0.951	0.936	1.6	100	0.00
58 T	Ethyl Benzene	1.765	1.742	1.3	100	0.00
59 T	m/p-Xylene	1.383	1.375	0.6	100	0.02
60 T	o-Xylene	1.391	1.361	2.2	101	0.00
61 T	Styrene	0.652	0.627	3.8	96	0.00
62	Isopropylbenzene	2.033	1.973	3.0	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.765	0.734	4.1	102	0.00
64	n-propylbenzene	0.519	0.500	3.7	98	0.00
65	tert-Butylbenzene	1.793	1.678	6.4	98	0.00
66 T	Benzyl Chloride	0.228	0.179	21.5	74	0.00
67	sec-Butylbenzene	2.516	2.424	3.7	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.783	-4.4	97	0.00
69	p-Isopropyltoluene	2.160	1.997	7.5	98	0.00
70	n-Butylbenzene	2.142	2.087	2.6	101	0.00
71	2-Chlorotoluene	1.579	1.530	3.1	101	0.00
72 T	4-Ethyltoluene	1.687	1.657	1.8	99	0.00
73 T	1,3,5-Trimethylbenzene	1.434	1.376	4.0	100	0.00
74 T	1,2,4-Trimethylbenzene	1.574	1.507	4.3	101	0.00
75 T	1,3-Dichlorobenzene	0.895	0.847	5.4	95	0.00
76 T	1,4-Dichlorobenzene	0.905	0.851	6.0	96	0.00
77 T	1,2-Dichlorobenzene	0.876	0.824	5.9	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.718	0.553	23.0	90	0.00
79 T	Naphthalene	1.427	1.357	4.9	97	0.00
80 T	Naphthalene,2-methyl-	0.533	0.421	21.0	83	0.00
81 T	1,2,4-Trichlorobenzene	0.717	0.663	7.5	94	0.00

(#) = Out of Range

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