

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042864.D
 Acq On : 13 Aug 2025 22:39
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 14 02:23:43 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	94	0.00
2 T	Dichlorodifluoromethane	1.466	1.338	8.7	93	0.00
3	Chlorodifluoromethane	1.620	1.526	5.8	95	0.00
4	Chloromethane	0.591	0.516	12.7	91	0.00
5 T	Vinyl Chloride	0.582	0.490	15.8	92	0.00
6 T	Bromomethane	0.233	0.194	16.7	90	0.00
7	Chloroethane	0.227	0.195	14.1	90	0.00
8 T	Dichlorotetrafluoroethane	1.199	1.096	8.6	92	0.00
9 T	Propene	0.700	0.208	70.3#	30	0.00
10 T	Heptane	1.874	1.626	13.2	89	0.00
11 T	Trichlorofluoromethane	1.446	1.267	12.4	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.152	0.993	13.8	89	0.00
13	Ethanol	0.064	0.047#	26.6	95	0.00
14 T	Bromoethene	0.417	0.370	11.3	91	0.00
15 T	Acetone	1.323	0.982	25.8	97	0.00
16 T	1,3-Butadiene	0.600	0.482	19.7	90	0.00
17	tert-Butyl alcohol	1.569	1.200	23.5	82	0.00
18 T	1,1-Dichloroethene	0.507	0.449	11.4	90	0.00
19 T	Isopropyl Alcohol	0.790	0.637	19.4	92	0.00
20 T	Methylene Chloride	0.554	0.383	30.9#	87	0.00
21 T	Allyl Chloride	0.935	0.768	17.9	85	0.00
22 T	trans-1,2-Dichloroethene	0.586	0.504	14.0	88	0.00
23 T	Vinyl Acetate	1.819	1.620	10.9	91	0.00
24 T	1,1-Dichloroethane	1.171	1.017	13.2	92	0.00
25 T	Ethyl Acetate	3.202	2.860	10.7	91	0.00
26 T	Hexane	1.478	1.342	9.2	90	0.00
27 T	Carbon Disulfide	1.438	1.212	15.7	86	0.00
28 T	Methyl tert-Butyl Ether	0.754	0.645	14.5	91	0.00
29 T	Chloroform	2.110	2.033	3.6	99	0.00
30 T	Cyclohexane	1.296	1.144	11.7	88	0.00
31 T	cis-1,2-Dichloroethene	1.476	1.346	8.8	94	0.00
32 T	1,1,1-Trichloroethane	2.230	2.082	6.6	98	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
34 T	2-Butanone	0.675	0.646	4.3	93	0.00
35 T	Carbon Tetrachloride	0.689	0.692	-0.4	95	0.00
36 T	Benzene	0.958	0.936	2.3	90	0.00
37 T	1,2-Dichloroethane	0.500	0.544	-8.8	98	0.00
38 T	Trichloroethene	0.437	0.410	6.2	90	0.00
39 T	1,2-Dichloropropane	0.350	0.344	1.7	93	0.00
40 T	1,4-Dioxane	0.166	0.146	12.0	86	0.01
41 T	Tetrahydrofuran	0.376	0.357	5.1	88	0.00
42 T	Bromodichloromethane	0.745	0.763	-2.4	94	0.00
43	Methyl Methacrylate	0.394	0.368	6.6	88	0.00
44 T	2,2,4-Trimethylpentane	1.625	1.554	4.4	90	0.00
45 T	t-1,3-Dichloropropene	0.445	0.419	5.8	86	0.01
46 T	cis-1,3-Dichloropropene	0.555	0.538	3.1	87	0.01
47 T	1,1,2-Trichloroethane	0.371	0.368	0.8	94	0.01
48 T	Dibromochloromethane	0.600	0.597	0.5	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.495	0.476	3.8	85	0.00
50 T	4-Methyl-2-Pentanone	0.913	0.880	3.6	87	0.01
51 T	2-Hexanone	0.718	0.701	2.4	88	0.01
52 T	Tetrachloroethene	0.346	0.295	14.7	82	0.00
53 T	Toluene	1.138	1.078	5.3	88	0.00
54 T	1,2-Dibromoethane	0.542	0.534	1.5	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
56	1,1,1,2-Tetrachloroethane	0.517	0.502	2.9	90	0.00
57 T	Chlorobenzene	0.951	0.916	3.7	89	0.00
58 T	Ethyl Benzene	1.765	1.719	2.6	90	0.00
59 T	m/p-Xylene	1.383	1.374	0.7	92	0.02
60 T	o-Xylene	1.391	1.370	1.5	93	0.00
61 T	Styrene	0.652	0.623	4.4	87	0.00
62	Isopropylbenzene	2.033	1.975	2.9	91	0.00
63 T	1,1,2,2-Tetrachloroethane	0.765	0.741	3.1	94	0.00
64	n-propylbenzene	0.519	0.497	4.2	89	0.00
65	tert-Butylbenzene	1.793	1.683	6.1	90	0.00
66 T	Benzyl Chloride	0.228	0.166	27.2	62	0.00
67	sec-Butylbenzene	2.516	2.436	3.2	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.799	-6.5	91	0.00
69	p-Isopropyltoluene	2.160	1.999	7.5	90	0.00
70	n-Butylbenzene	2.142	2.088	2.5	93	0.00
71	2-Chlorotoluene	1.579	1.520	3.7	92	0.00
72 T	4-Ethyltoluene	1.687	1.656	1.8	91	0.00
73 T	1,3,5-Trimethylbenzene	1.434	1.372	4.3	91	0.00
74 T	1,2,4-Trimethylbenzene	1.574	1.523	3.2	93	0.00
75 T	1,3-Dichlorobenzene	0.895	0.855	4.5	88	0.00
76 T	1,4-Dichlorobenzene	0.905	0.845	6.6	87	0.00
77 T	1,2-Dichlorobenzene	0.876	0.814	7.1	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.718	0.549	23.5	82	0.00
79 T	Naphthalene	1.427	1.354	5.1	88	0.00
80 T	Naphthalene,2-methyl-	0.533	0.405	24.0	72	0.00
81 T	1,2,4-Trichlorobenzene	0.717	0.655	8.6	85	0.00

(#) = Out of Range

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