

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
 Data File : VL042880.D
 Acq On : 26 Aug 2025 08:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 27 01:09:19 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	92	0.00
2 T	Dichlorodifluoromethane	1.466	1.493	-1.8	103	0.00
3	Chlorodifluoromethane	1.620	1.655	-2.2	101	0.00
4	Chloromethane	0.591	0.570	3.6	99	0.00
5 T	Vinyl Chloride	0.582	0.529	9.1	97	0.00
6 T	Bromomethane	0.233	0.219	6.0	100	0.00
7	Chloroethane	0.227	0.202	11.0	92	0.00
8 T	Dichlorotetrafluoroethane	1.199	1.190	0.8	98	0.00
9 T	Propene	0.700	0.613	12.4	86	0.00
10 T	Heptane	1.874	1.722	8.1	92	0.00
11 T	Trichlorofluoromethane	1.446	1.421	1.7	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.152	1.133	1.6	100	0.00
13	Ethanol	0.064	0.047#	26.6	94	0.00
14 T	Bromoethene	0.417	0.395	5.3	96	0.00
15 T	Acetone	1.323	1.094	17.3	106	0.00
16 T	1,3-Butadiene	0.600	0.526	12.3	97	0.00
17	tert-Butyl alcohol	1.569	1.349	14.0	91	0.00
18 T	1,1-Dichloroethene	0.507	0.498	1.8	98	0.00
19 T	Isopropyl Alcohol	0.790	0.689	12.8	98	0.00
20 T	Methylene Chloride	0.554	0.446	19.5	99	0.00
21 T	Allyl Chloride	0.935	0.873	6.6	95	0.00
22 T	trans-1,2-Dichloroethene	0.586	0.567	3.2	97	0.00
23 T	Vinyl Acetate	1.819	1.778	2.3	99	0.00
24 T	1,1-Dichloroethane	1.171	1.137	2.9	101	0.00
25 T	Ethyl Acetate	3.202	3.119	2.6	98	0.00
26 T	Hexane	1.478	1.399	5.3	93	0.00
27 T	Carbon Disulfide	1.438	1.440	-0.1	101	0.00
28 T	Methyl tert-Butyl Ether	0.754	0.715	5.2	100	0.00
29 T	Chloroform	2.110	2.199	-4.2	105	0.00
30 T	Cyclohexane	1.296	1.187	8.4	90	0.00
31 T	cis-1,2-Dichloroethene	1.476	1.399	5.2	96	0.00
32 T	1,1,1-Trichloroethane	2.230	2.184	2.1	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
34 T	2-Butanone	0.675	0.731	-8.3	97	0.00
35 T	Carbon Tetrachloride	0.689	0.798	-15.8	102	0.00
36 T	Benzene	0.958	1.018	-6.3	91	0.00
37 T	1,2-Dichloroethane	0.500	0.627	-25.4	106	0.00
38 T	Trichloroethene	0.437	0.437	0.0	89	0.00
39 T	1,2-Dichloropropane	0.350	0.382	-9.1	96	0.00
40 T	1,4-Dioxane	0.166	0.156	6.0	86	0.00
41 T	Tetrahydrofuran	0.376	0.402	-6.9	92	0.00
42 T	Bromodichloromethane	0.745	0.893	-19.9	103	0.00
43	Methyl Methacrylate	0.394	0.394	0.0	87	0.00
44 T	2,2,4-Trimethylpentane	1.625	1.721	-5.9	92	0.00
45 T	t-1,3-Dichloropropene	0.445	0.449	-0.9	85	0.00
46 T	cis-1,3-Dichloropropene	0.555	0.583	-5.0	88	0.00
47 T	1,1,2-Trichloroethane	0.371	0.408	-10.0	97	0.00
48 T	Dibromochloromethane	0.600	0.673	-12.2	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.495	0.540	-9.1	89	0.00
50 T	4-Methyl-2-Pentanone	0.913	1.000	-9.5	92	0.00
51 T	2-Hexanone	0.718	0.799	-11.3	93	0.00
52 T	Tetrachloroethene	0.346	0.321	7.2	83	0.00
53 T	Toluene	1.138	1.157	-1.7	88	0.00
54 T	1,2-Dibromoethane	0.542	0.586	-8.1	94	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
56	1,1,1,2-Tetrachloroethane	0.517	0.565	-9.3	95	0.00
57 T	Chlorobenzene	0.951	1.009	-6.1	92	0.00
58 T	Ethyl Benzene	1.765	1.877	-6.3	91	0.00
59 T	m/p-Xylene	1.383	1.528	-10.5	95	0.02
60 T	o-Xylene	1.391	1.535	-10.4	97	0.00
61 T	Styrene	0.652	0.661	-1.4	86	0.00
62	Isopropylbenzene	2.033	2.176	-7.0	94	0.00
63 T	1,1,2,2-Tetrachloroethane	0.765	0.845	-10.5	100	0.00
64	n-propylbenzene	0.519	0.551	-6.2	92	0.00
65	tert-Butylbenzene	1.793	1.892	-5.5	94	0.00
66 T	Benzyl Chloride	0.228	0.163	28.5	57	0.00
67	sec-Butylbenzene	2.516	2.756	-9.5	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.798	-6.4	84	0.00
69	p-Isopropyltoluene	2.160	2.235	-3.5	93	0.00
70	n-Butylbenzene	2.142	2.384	-11.3	99	0.00
71	2-Chlorotoluene	1.579	1.690	-7.0	95	0.00
72 T	4-Ethyltoluene	1.687	1.837	-8.9	94	0.00
73 T	1,3,5-Trimethylbenzene	1.434	1.525	-6.3	94	0.00
74 T	1,2,4-Trimethylbenzene	1.574	1.689	-7.3	97	0.00
75 T	1,3-Dichlorobenzene	0.895	0.958	-7.0	92	0.00
76 T	1,4-Dichlorobenzene	0.905	0.957	-5.7	91	0.00
77 T	1,2-Dichlorobenzene	0.876	0.926	-5.7	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.718	0.596	17.0	83	0.00
79 T	Naphthalene	1.427	1.491	-4.5	90	0.00
80 T	Naphthalene,2-methyl-	0.533	0.439	17.6	73	0.00
81 T	1,2,4-Trichlorobenzene	0.717	0.712	0.7	86	0.00

(#) = Out of Range

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