

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091825\
 Data File : VL042939.D
 Acq On : 18 Sep 2025 09:38
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 19 01:21:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Sep 18 02:57:46 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	1.428	1.420	0.6	96	0.00
3	Chlorodifluoromethane	1.504	1.548	-2.9	102	0.00
4	Chloromethane	0.574	0.543	5.4	93	0.00
5 T	Vinyl Chloride	0.542	0.495	8.7	97	0.00
6 T	Bromomethane	0.188	0.181	3.7	93	0.00
7	Chloroethane	0.199	0.198	0.5	97	0.00
8 T	Dichlorotetrafluoroethane	1.133	1.112	1.9	95	0.00
9 T	Propene	0.549	0.619	-12.8	113	0.00
10 T	Heptane	1.361	1.624	-19.3	99	0.00
11 T	Trichlorofluoromethane	1.411	1.348	4.5	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.102	1.039	5.7	92	0.00
13	Ethanol	0.056	0.039#	30.4#	81	0.00
14 T	Bromoethene	0.393	0.365	7.1	92	0.00
15 T	Acetone	1.228	0.982	20.0	90	0.00
16 T	1,3-Butadiene	0.514	0.506	1.6	100	0.00
17	tert-Butyl alcohol	1.183	1.196	-1.1	100	0.00
18 T	1,1-Dichloroethene	0.483	0.468	3.1	94	0.00
19 T	Isopropyl Alcohol	0.659	0.633	3.9	96	0.00
20 T	Methylene Chloride	0.535	0.425	20.6	99	0.00
21 T	Allyl Chloride	0.833	0.815	2.2	97	0.00
22 T	trans-1,2-Dichloroethene	0.547	0.538	1.6	96	0.00
23 T	Vinyl Acetate	1.427	1.560	-9.3	103	0.00
24 T	1,1-Dichloroethane	1.080	1.065	1.4	95	0.00
25 T	Ethyl Acetate	2.623	2.915	-11.1	101	0.00
26 T	Hexane	1.126	1.301	-15.5	103	0.00
27 T	Carbon Disulfide	1.388	1.355	2.4	97	0.00
28 T	Methyl tert-Butyl Ether	0.619	0.596	3.7	95	0.00
29 T	Chloroform	1.840	1.899	-3.2	100	0.00
30 T	Cyclohexane	0.848	1.062	-25.2	103	0.00
31 T	cis-1,2-Dichloroethene	1.099	1.237	-12.6	106	0.00
32 T	1,1,1-Trichloroethane	1.721	1.766	-2.6	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.648	0.699	-7.9	104	0.00
35 T	Carbon Tetrachloride	0.711	0.686	3.5	99	0.00
36 T	Benzene	0.872	0.959	-10.0	104	0.00
37 T	1,2-Dichloroethane	0.522	0.540	-3.4	103	0.00
38 T	Trichloroethene	0.395	0.404	-2.3	101	0.00
39 T	1,2-Dichloropropane	0.353	0.365	-3.4	102	0.00
40 T	1,4-Dioxane	0.125	0.134	-7.2	91	0.00
41 T	Tetrahydrofuran	0.321	0.385	-19.9	106	0.00
42 T	Bromodichloromethane	0.750	0.771	-2.8	101	0.00
43	Methyl Methacrylate	0.292	0.358	-22.6	104	0.00
44 T	2,2,4-Trimethylpentane	1.455	1.669	-14.7	99	0.00
45 T	t-1,3-Dichloropropene	0.308	0.369	-19.8	105	0.00
46 T	cis-1,3-Dichloropropene	0.425	0.501	-17.9	106	0.00
47 T	1,1,2-Trichloroethane	0.359	0.378	-5.3	101	0.00
48 T	Dibromochloromethane	0.563	0.587	-4.3	100	0.00

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49 T	Bromoform	0.439	0.471	-7.3	100	0.00
50 T	4-Methyl-2-Pentanone	0.775	0.944	-21.8	101	0.00
51 T	2-Hexanone	0.576	0.737	-28.0	100	0.00
52 T	Tetrachloroethene	0.269	0.281	-4.5	101	0.00
53 T	Toluene	0.813	1.026	-26.2	103	0.00
54 T	1,2-Dibromoethane	0.462	0.508	-10.0	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
56	1,1,1,2-Tetrachloroethane	0.509	0.515	-1.2	97	0.00
57 T	Chlorobenzene	0.924	0.966	-4.5	99	0.00
58 T	Ethyl Benzene	1.288	1.661	-29.0	100	0.00
59 T	m/p-Xylene	1.089	1.387	-27.4	99	0.00
60 T	o-Xylene	1.082	1.403	-29.7	99	0.00
61 T	Styrene	0.403	0.572	-41.9#	102	0.00
62	Isopropylbenzene	1.577	1.974	-25.2	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.782	0.788	-0.8	97	0.00
64	n-propylbenzene	0.409	0.509	-24.4	98	0.00
65	tert-Butylbenzene	1.347	1.733	-28.7	98	0.00
66 T	Benzyl Chloride	0.125	0.161	-28.8	106	0.00
67	sec-Butylbenzene	2.050	2.561	-24.9	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.782	0.821	-5.0	97	0.00
69	p-Isopropyltoluene	1.580	2.075	-31.3#	100	0.00
70	n-Butylbenzene	1.661	2.190	-31.8#	97	0.00
71	2-Chlorotoluene	1.170	1.493	-27.6	98	0.00
72 T	4-Ethyltoluene	1.267	1.671	-31.9#	98	0.00
73 T	1,3,5-Trimethylbenzene	1.071	1.373	-28.2	97	0.00
74 T	1,2,4-Trimethylbenzene	1.258	1.585	-26.0	98	0.00
75 T	1,3-Dichlorobenzene	0.798	0.900	-12.8	99	0.00
76 T	1,4-Dichlorobenzene	0.768	0.899	-17.1	98	0.00
77 T	1,2-Dichlorobenzene	0.805	0.888	-10.3	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.514	0.505	1.8	96	0.00
79 T	Naphthalene	0.849	1.292	-52.2#	95	0.00
80 T	Naphthalene,2-methyl-	0.275	0.331	-20.4	87	0.00
81 T	1,2,4-Trichlorobenzene	0.479	0.633	-32.2#	99	0.00

(#) = Out of Range

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