

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
 Data File : VL042937.D
 Acq On : 17 Sep 2025 14:52
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091725

Quant Time: Sep 18 03:00:18 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	102	0.00
2 T	Dichlorodifluoromethane	1.428	1.399	2.0	99	0.00
3	Chlorodifluoromethane	1.504	1.507	-0.2	104	0.00
4	Chloromethane	0.574	0.539	6.1	96	0.00
5 T	Vinyl Chloride	0.542	0.486	10.3	99	0.00
6 T	Bromomethane	0.188	0.178	5.3	95	0.00
7	Chloroethane	0.199	0.200	-0.5	101	0.00
8 T	Dichlorotetrafluoroethane	1.133	1.123	0.9	100	0.00
9 T	Propene	0.549	0.600	-9.3	114	0.00
10 T	Heptane	1.361	1.614	-18.6	102	0.00
11 T	Trichlorofluoromethane	1.411	1.394	1.2	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.102	1.073	2.6	98	0.00
13	Ethanol	0.056	0.039#	30.4#	84	0.00
14 T	Bromoethene	0.393	0.378	3.8	99	0.00
15 T	Acetone	1.228	1.017	17.2	97	0.00
16 T	1,3-Butadiene	0.514	0.501	2.5	103	0.00
17	tert-Butyl alcohol	1.183	1.192	-0.8	104	0.00
18 T	1,1-Dichloroethene	0.483	0.493	-2.1	103	0.00
19 T	Isopropyl Alcohol	0.659	0.637	3.3	101	0.00
20 T	Methylene Chloride	0.535	0.424	20.7	103	0.00
21 T	Allyl Chloride	0.833	0.825	1.0	102	0.00
22 T	trans-1,2-Dichloroethene	0.547	0.540	1.3	100	0.00
23 T	Vinyl Acetate	1.427	1.501	-5.2	103	0.00
24 T	1,1-Dichloroethane	1.080	1.091	-1.0	101	0.00
25 T	Ethyl Acetate	2.623	2.843	-8.4	102	0.00
26 T	Hexane	1.126	1.309	-16.3	108	0.00
27 T	Carbon Disulfide	1.388	1.374	1.0	102	0.00
28 T	Methyl tert-Butyl Ether	0.619	0.616	0.5	102	0.00
29 T	Chloroform	1.840	1.851	-0.6	101	0.00
30 T	Cyclohexane	0.848	1.038	-22.4	105	0.00
31 T	cis-1,2-Dichloroethene	1.099	1.230	-11.9	109	0.00
32 T	1,1,1-Trichloroethane	1.721	1.723	-0.1	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
34 T	2-Butanone	0.648	0.687	-6.0	105	0.00
35 T	Carbon Tetrachloride	0.711	0.668	6.0	100	0.00
36 T	Benzene	0.872	0.952	-9.2	107	0.00
37 T	1,2-Dichloroethane	0.522	0.528	-1.1	104	0.00
38 T	Trichloroethene	0.395	0.410	-3.8	106	0.00
39 T	1,2-Dichloropropane	0.353	0.360	-2.0	104	0.00
40 T	1,4-Dioxane	0.125	0.145	-16.0	102	0.00
41 T	Tetrahydrofuran	0.321	0.383	-19.3	109	0.00
42 T	Bromodichloromethane	0.750	0.763	-1.7	104	0.00
43	Methyl Methacrylate	0.292	0.361	-23.6	108	0.00
44 T	2,2,4-Trimethylpentane	1.455	1.661	-14.2	102	0.00
45 T	t-1,3-Dichloropropene	0.308	0.370	-20.1	109	0.00
46 T	cis-1,3-Dichloropropene	0.425	0.502	-18.1	110	0.00
47 T	1,1,2-Trichloroethane	0.359	0.364	-1.4	100	0.00
48 T	Dibromochloromethane	0.563	0.577	-2.5	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.439	0.464	-5.7	102	0.00
50 T	4-Methyl-2-Pentanone	0.775	0.935	-20.6	104	0.00
51 T	2-Hexanone	0.576	0.720	-25.0	101	0.00
52 T	Tetrachloroethene	0.269	0.274	-1.9	102	0.00
53 T	Toluene	0.813	1.018	-25.2	105	0.00
54 T	1,2-Dibromoethane	0.462	0.503	-8.9	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
56	1,1,1,2-Tetrachloroethane	0.509	0.503	1.2	99	0.00
57 T	Chlorobenzene	0.924	0.938	-1.5	101	0.00
58 T	Ethyl Benzene	1.288	1.615	-25.4	102	0.00
59 T	m/p-Xylene	1.089	1.348	-23.8	101	-0.02
60 T	o-Xylene	1.082	1.340	-23.8	100	0.00
61 T	Styrene	0.403	0.562	-39.5#	105	0.00
62	Isopropylbenzene	1.577	1.916	-21.5	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.782	0.764	2.3	99	0.00
64	n-propylbenzene	0.409	0.496	-21.3	100	0.00
65	tert-Butylbenzene	1.347	1.670	-24.0	99	0.00
66 T	Benzyl Chloride	0.125	0.151	-20.8	105	0.00
67	sec-Butylbenzene	2.050	2.455	-19.8	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.782	0.803	-2.7	100	0.00
69	p-Isopropyltoluene	1.580	1.978	-25.2	100	0.00
70	n-Butylbenzene	1.661	2.109	-27.0	99	0.00
71	2-Chlorotoluene	1.170	1.465	-25.2	102	0.00
72 T	4-Ethyltoluene	1.267	1.621	-27.9	100	0.00
73 T	1,3,5-Trimethylbenzene	1.071	1.331	-24.3	99	0.00
74 T	1,2,4-Trimethylbenzene	1.258	1.521	-20.9	99	0.00
75 T	1,3-Dichlorobenzene	0.798	0.872	-9.3	101	0.00
76 T	1,4-Dichlorobenzene	0.768	0.860	-12.0	98	0.00
77 T	1,2-Dichlorobenzene	0.805	0.842	-4.6	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.514	0.494	3.9	98	0.00
79 T	Naphthalene	0.849	1.280	-50.8#	99	0.00
80 T	Naphthalene,2-methyl-	0.275	0.310	-12.7	86	0.00
81 T	1,2,4-Trichlorobenzene	0.479	0.596	-24.4	98	0.00

(#) = Out of Range

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