

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111925\
 Data File : VL043232.D
 Acq On : 19 Nov 2025 09:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 20 00:01:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 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	88	0.00
2 T	Dichlorodifluoromethane	1.410	1.558	-10.5	103	0.00
3	Chlorodifluoromethane	1.387	1.319	4.9	88	0.00
4	Chloromethane	0.527	0.512	2.8	91	0.00
5 T	Vinyl Chloride	0.577	0.534	7.5	97	0.00
6 T	Bromomethane	0.280	0.288	-2.9	101	0.00
7	Chloroethane	0.225	0.211	6.2	96	0.00
8 T	Dichlorotetrafluoroethane	1.173	1.277	-8.9	103	0.00
9 T	Propene	0.589	0.506	14.1	89	0.00
10 T	Heptane	1.753	1.467	16.3	81	0.00
11 T	Trichlorofluoromethane	1.367	1.629	-19.2	116	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.067	1.206	-13.0	108	0.00
13	Ethanol	0.207	0.182	12.1	97	0.00
14 T	Bromoethene	0.409	0.440	-7.6	107	0.00
15 T	Acetone	1.389	1.171	15.7	100	0.00
16 T	1,3-Butadiene	0.619	0.581	6.1	93	0.00
17	tert-Butyl alcohol	1.824	1.850	-1.4	96	0.00
18 T	1,1-Dichloroethene	0.497	0.512	-3.0	103	0.00
19 T	Isopropyl Alcohol	0.785	0.742	5.5	96	0.00
20 T	Methylene Chloride	0.600	0.464	22.7	103	0.00
21 T	Allyl Chloride	0.935	0.882	5.7	92	0.00
22 T	trans-1,2-Dichloroethene	0.568	0.582	-2.5	103	0.00
23 T	Vinyl Acetate	1.677	1.562	6.9	85	0.00
24 T	1,1-Dichloroethane	1.096	1.147	-4.7	100	0.00
25 T	Ethyl Acetate	2.996	2.643	11.8	85	0.00
26 T	Hexane	1.314	1.181	10.1	84	0.00
27 T	Carbon Disulfide	1.341	1.433	-6.9	101	0.00
28 T	Methyl tert-Butyl Ether	0.645	0.662	-2.6	99	0.00
29 T	Chloroform	1.867	2.085	-11.7	103	0.00
30 T	Cyclohexane	1.101	1.069	2.9	92	0.00
31 T	cis-1,2-Dichloroethene	1.306	1.294	0.9	92	0.00
32 T	1,1,1-Trichloroethane	1.990	2.212	-11.2	104	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.706	0.611	13.5	87	0.00
35 T	Carbon Tetrachloride	0.759	0.827	-9.0	108	0.00
36 T	Benzene	0.958	0.900	6.1	91	0.00
37 T	1,2-Dichloroethane	0.560	0.598	-6.8	104	0.00
38 T	Trichloroethene	0.375	0.371	1.1	97	0.00
39 T	1,2-Dichloropropane	0.351	0.312	11.1	86	0.00
40 T	1,4-Dioxane	0.158	0.142	10.1	91	0.00
41 T	Tetrahydrofuran	0.390	0.321	17.7	80	0.00
42 T	Bromodichloromethane	0.773	0.815	-5.4	101	0.00
43	Methyl Methacrylate	0.508	0.433	14.8	86	0.00
44 T	2,2,4-Trimethylpentane	1.645	1.436	12.7	85	0.00
45 T	t-1,3-Dichloropropene	0.474	0.432	8.9	87	0.00
46 T	cis-1,3-Dichloropropene	0.556	0.498	10.4	86	0.00
47 T	1,1,2-Trichloroethane	0.372	0.362	2.7	97	0.01
48 T	Dibromochloromethane	0.640	0.689	-7.7	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.566	0.629	-11.1	104	0.00
50 T	4-Methyl-2-Pentanone	0.994	0.824	17.1	80	0.00
51 T	2-Hexanone	0.772	0.644	16.6	81	0.00
52 T	Tetrachloroethene	0.356	0.358	-0.6	100	0.00
53 T	Toluene	1.134	1.035	8.7	89	0.00
54 T	1,2-Dibromoethane	0.547	0.559	-2.2	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.735	0.780	-6.1	104	0.00
57 T	Chlorobenzene	1.027	1.026	0.1	95	0.00
58 T	Ethyl Benzene	1.925	1.872	2.8	92	0.00
59 T	m/p-Xylene	1.543	1.536	0.5	96	0.00
60 T	o-Xylene	1.542	1.546	-0.3	98	0.00
61 T	Styrene	0.675	0.637	5.6	88	0.00
62	Isopropylbenzene	2.758	2.791	-1.2	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.981	0.951	3.1	96	0.00
64	n-propylbenzene	0.709	0.718	-1.3	98	0.00
65	tert-Butylbenzene	2.463	2.483	-0.8	100	0.00
66 T	Benzyl Chloride	0.250	0.195	22.0	73	0.00
67	sec-Butylbenzene	3.438	3.480	-1.2	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.733	0.744	-1.5	91	0.00
69	p-Isopropyltoluene	2.912	2.979	-2.3	101	0.00
70	n-Butylbenzene	2.825	2.933	-3.8	100	0.00
71	2-Chlorotoluene	2.120	2.125	-0.2	97	0.00
72 T	4-Ethyltoluene	1.877	1.904	-1.4	98	0.00
73 T	1,3,5-Trimethylbenzene	1.575	1.616	-2.6	100	0.00
74 T	1,2,4-Trimethylbenzene	1.719	1.767	-2.8	102	0.00
75 T	1,3-Dichlorobenzene	1.003	1.060	-5.7	102	0.00
76 T	1,4-Dichlorobenzene	1.003	1.072	-6.9	103	0.00
77 T	1,2-Dichlorobenzene	0.965	1.012	-4.9	104	0.00
78 T	Hexachloro-1,3-Butadiene	0.805	0.848	-5.3	111	0.00
79 T	Naphthalene	1.527	1.619	-6.0	97	0.00
80 T	Naphthalene,2-methyl-	0.401	0.409	-2.0	93	0.00
81 T	1,2,4-Trichlorobenzene	0.683	0.788	-15.4	104	0.00

(#) = Out of Range

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