

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112025\
 Data File : VL043257.D
 Acq On : 20 Nov 2025 10:14
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 21 00:33:53 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	98	0.00
2 T	Dichlorodifluoromethane	1.410	1.568	-11.2	114	0.00
3	Chlorodifluoromethane	1.387	1.423	-2.6	106	0.00
4	Chloromethane	0.527	0.529	-0.4	104	0.00
5 T	Vinyl Chloride	0.577	0.538	6.8	108	0.00
6 T	Bromomethane	0.280	0.269	3.9	104	0.00
7	Chloroethane	0.225	0.218	3.1	110	0.00
8 T	Dichlorotetrafluoroethane	1.173	1.263	-7.7	113	0.00
9 T	Propene	0.589	0.542	8.0	106	0.00
10 T	Heptane	1.753	1.521	13.2	93	0.00
11 T	Trichlorofluoromethane	1.367	1.651	-20.8	130	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.067	1.233	-15.6	122	0.00
13	Ethanol	0.207	0.165	20.3	97	0.00
14 T	Bromoethene	0.409	0.446	-9.0	120	0.00
15 T	Acetone	1.389	1.188	14.5	113	0.00
16 T	1,3-Butadiene	0.619	0.607	1.9	108	0.00
17	tert-Butyl alcohol	1.824	1.709	6.3	98	0.00
18 T	1,1-Dichloroethene	0.497	0.539	-8.5	120	0.00
19 T	Isopropyl Alcohol	0.785	0.706	10.1	101	0.00
20 T	Methylene Chloride	0.600	0.472	21.3	116	0.00
21 T	Allyl Chloride	0.935	0.815	12.8	94	0.00
22 T	trans-1,2-Dichloroethene	0.568	0.608	-7.0	119	0.00
23 T	Vinyl Acetate	1.677	1.534	8.5	92	0.00
24 T	1,1-Dichloroethane	1.096	1.165	-6.3	112	0.00
25 T	Ethyl Acetate	2.996	2.783	7.1	99	0.00
26 T	Hexane	1.314	1.265	3.7	100	0.00
27 T	Carbon Disulfide	1.341	1.465	-9.2	114	0.00
28 T	Methyl tert-Butyl Ether	0.645	0.668	-3.6	110	0.00
29 T	Chloroform	1.867	2.134	-14.3	117	0.00
30 T	Cyclohexane	1.101	1.067	3.1	102	0.00
31 T	cis-1,2-Dichloroethene	1.306	1.342	-2.8	106	0.00
32 T	1,1,1-Trichloroethane	1.990	2.205	-10.8	114	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
34 T	2-Butanone	0.706	0.657	6.9	99	0.00
35 T	Carbon Tetrachloride	0.759	0.862	-13.6	118	0.00
36 T	Benzene	0.958	0.965	-0.7	104	0.00
37 T	1,2-Dichloroethane	0.560	0.629	-12.3	115	0.00
38 T	Trichloroethene	0.375	0.391	-4.3	108	0.00
39 T	1,2-Dichloropropane	0.351	0.335	4.6	97	0.00
40 T	1,4-Dioxane	0.158	0.133	15.8	90	0.00
41 T	Tetrahydrofuran	0.390	0.344	11.8	91	0.00
42 T	Bromodichloromethane	0.773	0.862	-11.5	112	0.00
43	Methyl Methacrylate	0.508	0.455	10.4	96	0.00
44 T	2,2,4-Trimethylpentane	1.645	1.586	3.6	99	0.00
45 T	t-1,3-Dichloropropene	0.474	0.364	23.2	78	0.00
46 T	cis-1,3-Dichloropropene	0.556	0.445	20.0	81	0.00
47 T	1,1,2-Trichloroethane	0.372	0.379	-1.9	107	0.00
48 T	Dibromochloromethane	0.640	0.703	-9.8	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.566	0.623	-10.1	109	0.00
50 T	4-Methyl-2-Pentanone	0.994	0.864	13.1	89	0.00
51 T	2-Hexanone	0.772	0.625	19.0	83	0.00
52 T	Tetrachloroethene	0.356	0.360	-1.1	106	0.00
53 T	Toluene	1.134	1.089	4.0	98	0.00
54 T	1,2-Dibromoethane	0.547	0.530	3.1	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
56	1,1,1,2-Tetrachloroethane	0.735	0.793	-7.9	111	0.00
57 T	Chlorobenzene	1.027	1.061	-3.3	104	0.00
58 T	Ethyl Benzene	1.925	1.932	-0.4	101	0.00
59 T	m/p-Xylene	1.543	1.592	-3.2	105	0.00
60 T	o-Xylene	1.542	1.585	-2.8	106	0.00
61 T	Styrene	0.675	0.631	6.5	92	0.00
62	Isopropylbenzene	2.758	2.862	-3.8	106	0.00
63 T	1,1,2,2-Tetrachloroethane	0.981	0.963	1.8	103	0.00
64	n-propylbenzene	0.709	0.712	-0.4	103	0.00
65	tert-Butylbenzene	2.463	2.446	0.7	104	0.00
66 T	Benzyl Chloride	0.250	0.105	58.0#	41	0.00
67	sec-Butylbenzene	3.438	3.432	0.2	105	0.00
68 S	1-Bromo-4-Fluorobenzene	0.733	0.748	-2.0	97	0.00
69	p-Isopropyltoluene	2.912	2.879	1.1	103	0.00
70	n-Butylbenzene	2.825	2.811	0.5	101	0.00
71	2-Chlorotoluene	2.120	2.093	1.3	101	0.00
72 T	4-Ethyltoluene	1.877	1.905	-1.5	103	0.00
73 T	1,3,5-Trimethylbenzene	1.575	1.594	-1.2	104	0.00
74 T	1,2,4-Trimethylbenzene	1.719	1.736	-1.0	106	0.00
75 T	1,3-Dichlorobenzene	1.003	1.023	-2.0	104	0.00
76 T	1,4-Dichlorobenzene	1.003	1.015	-1.2	103	0.00
77 T	1,2-Dichlorobenzene	0.965	0.968	-0.3	105	0.00
78 T	Hexachloro-1,3-Butadiene	0.805	0.773	4.0	107	0.00
79 T	Naphthalene	1.527	1.456	4.6	92	0.00
80 T	Naphthalene,2-methyl-	0.401	0.353	12.0	84	0.00
81 T	1,2,4-Trichlorobenzene	0.683	0.721	-5.6	101	0.00

(#) = Out of Range

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