

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091025\
 Data File : VL042921.D
 Acq On : 10 Sep 2025 09:36
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 11 01:09:46 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 : Tue Sep 09 00:52:26 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	109	0.00
2 T	Dichlorodifluoromethane	1.466	1.518	-3.5	123	0.00
3	Chlorodifluoromethane	1.620	1.707	-5.4	123	0.00
4	Chloromethane	0.591	0.593	-0.3	121	0.00
5 T	Vinyl Chloride	0.582	0.557	4.3	120	0.00
6 T	Bromomethane	0.233	0.223	4.3	119	0.00
7	Chloroethane	0.227	0.210	7.5	113	0.00
8 T	Dichlorotetrafluoroethane	1.199	1.242	-3.6	120	0.00
9 T	Propene	0.700	0.413	41.0#	68	0.00
10 T	Heptane	1.874	1.801	3.9	114	0.02
11 T	Trichlorofluoromethane	1.446	1.428	1.2	122	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.152	1.160	-0.7	120	0.00
13	Ethanol	0.064	0.047#	26.6	111	0.00
14 T	Bromoethene	0.417	0.414	0.7	118	0.00
15 T	Acetone	1.323	1.142	13.7	131	0.00
16 T	1,3-Butadiene	0.600	0.542	9.7	118	0.00
17	tert-Butyl alcohol	1.569	1.267	19.2	100	0.00
18 T	1,1-Dichloroethene	0.507	0.513	-1.2	119	0.00
19 T	Isopropyl Alcohol	0.790	0.682	13.7	114	0.00
20 T	Methylene Chloride	0.554	0.439	20.8	115	0.00
21 T	Allyl Chloride	0.935	0.896	4.2	114	0.00
22 T	trans-1,2-Dichloroethene	0.586	0.590	-0.7	119	0.00
23 T	Vinyl Acetate	1.819	1.812	0.4	118	0.00
24 T	1,1-Dichloroethane	1.171	1.178	-0.6	123	0.00
25 T	Ethyl Acetate	3.202	3.241	-1.2	120	0.00
26 T	Hexane	1.478	1.440	2.6	112	0.00
27 T	Carbon Disulfide	1.438	1.470	-2.2	121	0.00
28 T	Methyl tert-Butyl Ether	0.754	0.638	15.4	105	0.00
29 T	Chloroform	2.110	2.103	0.3	118	0.00
30 T	Cyclohexane	1.296	1.163	10.3	104	0.01
31 T	cis-1,2-Dichloroethene	1.476	1.360	7.9	110	0.00
32 T	1,1,1-Trichloroethane	2.230	1.999	10.4	109	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.01
34 T	2-Butanone	0.675	0.797	-18.1	117	0.00
35 T	Carbon Tetrachloride	0.689	0.775	-12.5	109	0.01
36 T	Benzene	0.958	1.093	-14.1	107	0.00
37 T	1,2-Dichloroethane	0.500	0.609	-21.8	113	0.00
38 T	Trichloroethene	0.437	0.443	-1.4	99	0.01
39 T	1,2-Dichloropropane	0.350	0.419	-19.7	116	0.01
40 T	1,4-Dioxane	0.166	0.157	5.4	95	0.02
41 T	Tetrahydrofuran	0.376	0.435	-15.7	109	0.00
42 T	Bromodichloromethane	0.745	0.888	-19.2	112	0.01
43	Methyl Methacrylate	0.394	0.419	-6.3	102	0.02
44 T	2,2,4-Trimethylpentane	1.625	1.909	-17.5	113	0.01
45 T	t-1,3-Dichloropropene	0.445	0.440	1.1	92	0.02
46 T	cis-1,3-Dichloropropene	0.555	0.585	-5.4	97	0.02
47 T	1,1,2-Trichloroethane	0.371	0.424	-14.3	111	0.02
48 T	Dibromochloromethane	0.600	0.680	-13.3	104	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.495	0.541	-9.3	99	0.01
50 T	4-Methyl-2-Pentanone	0.913	1.070	-17.2	109	0.02
51 T	2-Hexanone	0.718	0.842	-17.3	108	0.01
52 T	Tetrachloroethene	0.346	0.322	6.9	92	0.01
53 T	Toluene	1.138	1.188	-4.4	99	0.02
54 T	1,2-Dibromoethane	0.542	0.593	-9.4	105	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
56	1,1,1,2-Tetrachloroethane	0.517	0.611	-18.2	106	0.00
57 T	Chlorobenzene	0.951	1.114	-17.1	105	0.00
58 T	Ethyl Benzene	1.765	1.984	-12.4	100	0.00
59 T	m/p-Xylene	1.383	1.636	-18.3	105	0.00
60 T	o-Xylene	1.391	1.645	-18.3	107	0.00
61 T	Styrene	0.652	0.677	-3.8	92	0.00
62	Isopropylbenzene	2.033	2.325	-14.4	104	0.00
63 T	1,1,2,2-Tetrachloroethane	0.765	0.981	-28.2	120	0.00
64	n-propylbenzene	0.519	0.600	-15.6	104	0.00
65	tert-Butylbenzene	1.793	2.018	-12.5	104	0.00
66 T	Benzyl Chloride	0.228	0.192	15.8	70	0.00
67	sec-Butylbenzene	2.516	2.934	-16.6	108	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.787	-4.9	86	0.01
69	p-Isopropyltoluene	2.160	2.380	-10.2	103	0.00
70	n-Butylbenzene	2.142	2.508	-17.1	107	0.00
71	2-Chlorotoluene	1.579	1.776	-12.5	103	0.00
72 T	4-Ethyltoluene	1.687	1.942	-15.1	103	0.00
73 T	1,3,5-Trimethylbenzene	1.434	1.601	-11.6	102	0.00
74 T	1,2,4-Trimethylbenzene	1.574	1.836	-16.6	109	0.00
75 T	1,3-Dichlorobenzene	0.895	1.035	-15.6	103	0.00
76 T	1,4-Dichlorobenzene	0.905	1.038	-14.7	103	0.00
77 T	1,2-Dichlorobenzene	0.876	0.999	-14.0	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.718	0.589	18.0	85	0.00
79 T	Naphthalene	1.427	1.508	-5.7	95	0.00
80 T	Naphthalene,2-methyl-	0.533	0.417	21.8	72	0.00
81 T	1,2,4-Trichlorobenzene	0.717	0.725	-1.1	90	0.00

(#) = Out of Range

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