

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042556.D
 Acq On : 21 May 2025 08:38
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 21 22:52:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 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	96	0.00
2 T	Dichlorodifluoromethane	1.870	1.771	5.3	97	0.00
3	Chlorodifluoromethane	1.541	1.445	6.2	94	0.00
4	Chloromethane	0.602	0.553	8.1	94	0.00
5 T	Vinyl Chloride	0.664	0.592	10.8	94	0.00
6 T	Bromomethane	0.382	0.360	5.8	95	0.00
7	Chloroethane	0.267	0.241	9.7	92	0.00
8 T	Dichlorotetrafluoroethane	1.584	1.510	4.7	96	0.00
9 T	Propene	0.535	0.453	15.3	82	0.00
10 T	Heptane	1.411	1.432	-1.5	91	0.00
11 T	Trichlorofluoromethane	1.953	1.767	9.5	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.574	1.404	10.8	90	0.00
13	Ethanol	0.078	0.058	25.6	92	0.00
14 T	Bromoethene	0.595	0.554	6.9	95	0.00
15 T	Acetone	1.394	1.059	24.0	91	0.00
16 T	1,3-Butadiene	0.566	0.515	9.0	95	0.00
17	tert-Butyl alcohol	1.610	1.441	10.5	87	0.00
18 T	1,1-Dichloroethene	0.711	0.636	10.5	91	0.00
19 T	Isopropyl Alcohol	0.792	0.702	11.4	88	0.00
20 T	Methylene Chloride	0.675	0.528	21.8	88	0.00
21 T	Allyl Chloride	0.893	0.807	9.6	89	0.00
22 T	trans-1,2-Dichloroethene	0.789	0.717	9.1	90	0.00
23 T	Vinyl Acetate	1.586	1.280	19.3	75	0.00
24 T	1,1-Dichloroethane	1.353	1.227	9.3	91	0.00
25 T	Ethyl Acetate	2.694	2.664	1.1	92	0.00
26 T	Hexane	1.218	1.207	0.9	90	0.00
27 T	Carbon Disulfide	1.764	1.637	7.2	89	0.00
28 T	Methyl tert-Butyl Ether	0.821	0.704	14.3	86	0.00
29 T	Chloroform	2.303	2.185	5.1	95	0.00
30 T	Cyclohexane	1.054	1.082	-2.7	90	0.00
31 T	cis-1,2-Dichloroethene	1.339	1.257	6.1	89	0.00
32 T	1,1,1-Trichloroethane	2.354	2.283	3.0	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.531	0.521	1.9	94	0.00
35 T	Carbon Tetrachloride	0.765	0.753	1.6	96	0.00
36 T	Benzene	0.809	0.803	0.7	90	0.00
37 T	1,2-Dichloroethane	0.494	0.486	1.6	94	0.00
38 T	Trichloroethene	0.369	0.358	3.0	90	0.00
39 T	1,2-Dichloropropane	0.284	0.279	1.8	92	0.00
40 T	1,4-Dioxane	0.127	0.132	-3.9	88	0.00
41 T	Tetrahydrofuran	0.259	0.272	-5.0	89	0.00
42 T	Bromodichloromethane	0.697	0.718	-3.0	94	0.00
43	Methyl Methacrylate	0.275	0.297	-8.0	88	0.00
44 T	2,2,4-Trimethylpentane	1.241	1.277	-2.9	90	0.00
45 T	t-1,3-Dichloropropene	0.350	0.371	-6.0	86	0.00
46 T	cis-1,3-Dichloropropene	0.426	0.452	-6.1	88	0.00
47 T	1,1,2-Trichloroethane	0.340	0.339	0.3	93	0.00
48 T	Dibromochloromethane	0.589	0.613	-4.1	92	0.00

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49 T	Bromoform	0.503	0.531	-5.6	92	0.00
50 T	4-Methyl-2-Pentanone	0.637	0.691	-8.5	91	0.00
51 T	2-Hexanone	0.470	0.554	-17.9	92	0.00
52 T	Tetrachloroethene	0.316	0.310	1.9	92	0.00
53 T	Toluene	0.865	0.916	-5.9	88	0.00
54 T	1,2-Dibromoethane	0.496	0.520	-4.8	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.533	0.535	-0.4	95	0.00
57 T	Chlorobenzene	0.891	0.875	1.8	93	0.00
58 T	Ethyl Benzene	1.309	1.472	-12.5	91	0.00
59 T	m/p-Xylene	1.118	1.248	-11.6	94	0.00
60 T	o-Xylene	1.107	1.253	-13.2	94	0.00
61 T	Styrene	0.424	0.496	-17.0	87	0.00
62	Isopropylbenzene	1.694	1.817	-7.3	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.740	0.750	-1.4	94	0.00
64	n-propylbenzene	0.422	0.478	-13.3	94	0.00
65	tert-Butylbenzene	1.524	1.716	-12.6	96	0.00
66 T	Benzyl Chloride	0.191	0.219	-14.7	92	0.00
67	sec-Butylbenzene	2.151	2.344	-9.0	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.800	0.821	-2.6	93	0.00
69	p-Isopropyltoluene	1.776	2.025	-14.0	95	0.00
70	n-Butylbenzene	1.678	1.966	-17.2	96	0.00
71	2-Chlorotoluene	1.219	1.352	-10.9	92	0.00
72 T	4-Ethyltoluene	1.367	1.559	-14.0	94	0.00
73 T	1,3,5-Trimethylbenzene	1.183	1.316	-11.2	94	0.00
74 T	1,2,4-Trimethylbenzene	1.426	1.519	-6.5	97	0.00
75 T	1,3-Dichlorobenzene	0.880	0.908	-3.2	95	0.00
76 T	1,4-Dichlorobenzene	0.855	0.900	-5.3	95	0.00
77 T	1,2-Dichlorobenzene	0.867	0.881	-1.6	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.716	0.666	7.0	98	0.00
79 T	Naphthalene	1.069	1.373	-28.4	95	0.00
80 T	Naphthalene,2-methyl-	0.551	0.756	-37.2#	91	0.00
81 T	1,2,4-Trichlorobenzene	0.642	0.732	-14.0	94	0.00

(#) = Out of Range

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