

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052225\
 Data File : VL042572.D
 Acq On : 22 May 2025 09:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 23 01:30:12 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	10.000	10.000	0.0	108	0.00
2 T	Dichlorodifluoromethane	10.000	9.844	1.6	114	0.00
3	Chlorodifluoromethane	10.000	9.960	0.4	113	0.00
4	Chloromethane	10.000	9.744	2.6	112	0.00
5 T	Vinyl Chloride	10.000	9.556	4.4	114	0.00
6 T	Bromomethane	10.000	9.853	1.5	111	0.00
7	Chloroethane	10.000	9.717	2.8	112	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.853	1.5	112	0.00
9 T	Propene	10.000	9.701	3.0	106	0.00
10 T	Heptane	10.000	10.617	-6.2	107	0.00
11 T	Trichlorofluoromethane	10.000	9.355	6.4	108	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.354	6.5	106	0.00
13	Ethanol	10.000	7.496	25.0	104	0.00
14 T	Bromoethene	10.000	9.519	4.8	109	0.00
15 T	Acetone	10.000	8.006	19.9	108	0.00
16 T	1,3-Butadiene	10.000	9.637	3.6	113	0.00
17	tert-Butyl alcohol	10.000	9.157	8.4	100	0.00
18 T	1,1-Dichloroethene	10.000	9.176	8.2	105	0.00
19 T	Isopropyl Alcohol	10.000	9.291	7.1	104	0.00
20 T	Methylene Chloride	10.000	8.193	18.1	104	0.00
21 T	Allyl Chloride	10.000	9.468	5.3	105	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.433	5.7	105	0.00
23 T	Vinyl Acetate	10.000	10.005	-0.1	105	0.00
24 T	1,1-Dichloroethane	10.000	9.436	5.6	106	0.00
25 T	Ethyl Acetate	10.000	10.312	-3.1	108	0.00
26 T	Hexane	10.000	10.373	-3.7	106	0.00
27 T	Carbon Disulfide	10.000	9.668	3.3	104	0.00
28 T	Methyl tert-Butyl Ether	10.000	8.871	11.3	100	0.00
29 T	Chloroform	10.000	9.892	1.1	111	0.00
30 T	Cyclohexane	10.000	10.243	-2.4	100	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.514	4.9	102	0.00
32 T	1,1,1-Trichloroethane	10.000	9.982	0.2	110	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	100	0.00
34 T	2-Butanone	10.000	10.448	-4.5	107	0.00
35 T	Carbon Tetrachloride	10.000	10.587	-5.9	111	0.00
36 T	Benzene	10.000	10.484	-4.8	102	0.00
37 T	1,2-Dichloroethane	10.000	10.635	-6.3	110	0.00
38 T	Trichloroethene	10.000	10.237	-2.4	102	0.00
39 T	1,2-Dichloropropane	10.000	10.505	-5.1	106	0.00
40 T	1,4-Dioxane	10.000	10.825	-8.2	99	0.01
41 T	Tetrahydrofuran	10.000	11.147	-11.5	102	0.00
42 T	Bromodichloromethane	10.000	10.945	-9.5	107	0.00
43	Methyl Methacrylate	10.000	10.978	-9.8	97	0.00
44 T	2,2,4-Trimethylpentane	10.000	11.221	-12.2	106	0.00
45 T	t-1,3-Dichloropropene	10.000	10.392	-3.9	91	0.01
46 T	cis-1,3-Dichloropropene	10.000	10.724	-7.2	95	0.01
47 T	1,1,2-Trichloroethane	10.000	10.693	-6.9	108	0.01
48 T	Dibromochloromethane	10.000	10.958	-9.6	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	Bromoform	10.000	11.270	-12.7	106	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.584	-15.8	105	0.02
51 T	2-Hexanone	10.000	12.479	-24.8	105	0.00
52 T	Tetrachloroethene	10.000	10.180	-1.8	102	0.00
53 T	Toluene	10.000	11.114	-11.1	100	0.00
54 T	1,2-Dibromoethane	10.000	10.994	-9.9	104	0.00

55 I	Chlorobenzene-d5	10.000	10.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	10.000	11.306	-13.1	111	0.00
57 T	Chlorobenzene	10.000	10.898	-9.0	108	0.00
58 T	Ethyl Benzene	10.000	12.091	-20.9	102	0.00
59 T	m/p-Xylene	20.000	24.773	-23.9	109	0.00
60 T	o-Xylene	10.000	12.543	-25.4	109	0.00
61 T	Styrene	10.000	12.341	-23.4	96	0.00
62	Isopropylbenzene	10.000	12.050	-20.5	108	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	11.651	-16.5	113	0.00
64	n-propylbenzene	10.000	12.752	-27.5	111	0.00
65	tert-Butylbenzene	10.000	12.397	-24.0	110	0.00
66 T	Benzyl Chloride	10.000	11.600	-16.0	97	0.00
67	sec-Butylbenzene	10.000	12.052	-20.5	111	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.775	-7.8	102	0.00
69	p-Isopropyltoluene	10.000	12.609	-26.1	110	0.00
70	n-Butylbenzene	10.000	13.137	-31.4#	112	0.00
71	2-Chlorotoluene	10.000	12.296	-23.0	107	0.00
72 T	4-Ethyltoluene	10.000	12.728	-27.3	109	0.00
73 T	1,3,5-Trimethylbenzene	10.000	12.282	-22.8	109	0.00
74 T	1,2,4-Trimethylbenzene	10.000	11.818	-18.2	112	0.00
75 T	1,3-Dichlorobenzene	10.000	11.622	-16.2	112	0.00
76 T	1,4-Dichlorobenzene	10.000	11.741	-17.4	110	0.00
77 T	1,2-Dichlorobenzene	10.000	11.508	-15.1	115	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	10.665	-6.6	117	0.00
79 T	Naphthalene	10.000	14.180	-41.8#	109	0.00
80 T	Naphthalene,2-methyl-	10.000	14.149	-41.5#	98	0.00
81 T	1,2,4-Trichlorobenzene	10.000	12.671	-26.7	109	0.00

(#) = Out of Range

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