

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111125\
 Data File : VL043180.D
 Acq On : 11 Nov 2025 08:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 12 00:12:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 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	127	0.00
2 T	Dichlorodifluoromethane	10.000	9.751	2.5	138	0.00
3	Chlorodifluoromethane	10.000	9.931	0.7	134	0.00
4	Chloromethane	10.000	8.379	16.2	120	0.00
5 T	Vinyl Chloride	10.000	8.386	16.1	123	0.00
6 T	Bromomethane	10.000	9.584	4.2	142	0.00
7	Chloroethane	10.000	8.605	13.9	129	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.667	3.3	136	0.00
9 T	Propene	10.000	8.816	11.8	117	0.00
10 T	Heptane	10.000	9.418	5.8	131	0.02
11 T	Trichlorofluoromethane	10.000	10.751	-7.5	153	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.289	-2.9	150	0.00
13	Ethanol	10.000	6.803	32.0#	114	0.00
14 T	Bromoethene	10.000	9.820	1.8	140	0.00
15 T	Acetone	10.000	8.537	14.6	134	0.00
16 T	1,3-Butadiene	10.000	8.072	19.3	120	0.00
17	tert-Butyl alcohol	10.000	8.602	14.0	120	0.00
18 T	1,1-Dichloroethene	10.000	10.117	-1.2	144	0.00
19 T	Isopropyl Alcohol	10.000	8.052	19.5	119	0.00
20 T	Methylene Chloride	10.000	8.271	17.3	138	0.00
21 T	Allyl Chloride	10.000	8.700	13.0	121	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.071	-0.7	147	0.00
23 T	Vinyl Acetate	10.000	11.827	-18.3	183	0.00
24 T	1,1-Dichloroethane	10.000	9.604	4.0	134	0.00
25 T	Ethyl Acetate	10.000	9.935	0.6	135	0.00
26 T	Hexane	10.000	9.752	2.5	136	0.01
27 T	Carbon Disulfide	10.000	9.988	0.1	137	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.782	2.2	149	0.01
29 T	Chloroform	10.000	10.201	-2.0	143	0.00
30 T	Cyclohexane	10.000	8.993	10.1	127	0.02
31 T	cis-1,2-Dichloroethene	10.000	9.965	0.4	133	0.01
32 T	1,1,1-Trichloroethane	10.000	9.618	3.8	133	0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	109	0.02
34 T	2-Butanone	10.000	11.894	-18.9	143	0.00
35 T	Carbon Tetrachloride	10.000	11.297	-13.0	136	0.01
36 T	Benzene	10.000	10.966	-9.7	129	0.02
37 T	1,2-Dichloroethane	10.000	11.550	-15.5	140	0.01
38 T	Trichloroethene	10.000	9.926	0.7	124	0.02
39 T	1,2-Dichloropropane	10.000	11.001	-10.0	130	0.02
40 T	1,4-Dioxane	10.000	10.101	-1.0	120	0.02
41 T	Tetrahydrofuran	10.000	10.778	-7.8	128	0.00
42 T	Bromodichloromethane	10.000	11.440	-14.4	134	0.02
43	Methyl Methacrylate	10.000	10.292	-2.9	119	0.02
44 T	2,2,4-Trimethylpentane	10.000	11.116	-11.2	131	0.02
45 T	t-1,3-Dichloropropene	10.000	10.088	-0.9	114	0.02
46 T	cis-1,3-Dichloropropene	10.000	10.132	-1.3	116	0.02
47 T	1,1,2-Trichloroethane	10.000	11.032	-10.3	132	0.02
48 T	Dibromochloromethane	10.000	10.913	-9.1	125	0.02

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

49 T	Bromoform	10.000	11.436	-14.4	129	0.01
50 T	4-Methyl-2-Pentanone	10.000	10.642	-6.4	123	0.02
51 T	2-Hexanone	10.000	10.790	-7.9	118	0.02
52 T	Tetrachloroethene	10.000	10.288	-2.9	121	0.02
53 T	Toluene	10.000	10.163	-1.6	119	0.02
54 T	1,2-Dibromoethane	10.000	10.505	-5.1	125	0.01
55 I	Chlorobenzene-d5	10.000	10.000	0.0	103	0.01
56	1,1,1,2-Tetrachloroethane	10.000	11.499	-15.0	127	0.01
57 T	Chlorobenzene	10.000	10.944	-9.4	124	0.01
58 T	Ethyl Benzene	10.000	10.726	-7.3	119	0.01
59 T	m/p-Xylene	20.000	21.995	-10.0	126	0.03
60 T	o-Xylene	10.000	10.961	-9.6	125	0.00
61 T	Styrene	10.000	9.979	0.2	109	0.00
62	Isopropylbenzene	10.000	10.987	-9.9	124	0.01
63 T	1,1,2,2-Tetrachloroethane	10.000	11.095	-11.0	133	0.01
64	n-propylbenzene	10.000	10.808	-8.1	122	0.00
65	tert-Butylbenzene	10.000	10.539	-5.4	123	0.00
66 T	Benzyl Chloride	10.000	8.790	12.1	90	0.00
67	sec-Butylbenzene	10.000	10.832	-8.3	127	0.01
68 S	1-Bromo-4-Fluorobenzene	10.000	10.275	-2.8	106	0.00
69	p-Isopropyltoluene	10.000	10.578	-5.8	122	0.01
70	n-Butylbenzene	10.000	10.907	-9.1	124	0.00
71	2-Chlorotoluene	10.000	10.859	-8.6	123	0.00
72 T	4-Ethyltoluene	10.000	10.994	-9.9	123	0.00
73 T	1,3,5-Trimethylbenzene	10.000	11.042	-10.4	124	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.773	-7.7	128	0.01
75 T	1,3-Dichlorobenzene	10.000	11.390	-13.9	128	0.00
76 T	1,4-Dichlorobenzene	10.000	11.304	-13.0	127	0.00
77 T	1,2-Dichlorobenzene	10.000	11.227	-12.3	130	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	10.134	-1.3	125	0.00
79 T	Naphthalene	10.000	10.223	-2.2	107	0.00
80 T	Naphthalene,2-methyl-	10.000	10.328	-3.3	93	0.01
81 T	1,2,4-Trichlorobenzene	10.000	10.822	-8.2	117	0.00

(#) = Out of Range

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