

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110325\
 Data File : VL043137.D
 Acq On : 03 Nov 2025 08:33
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 04 03:05:45 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	118	0.00
2 T	Dichlorodifluoromethane	10.000	9.449	5.5	124	0.00
3	Chlorodifluoromethane	10.000	9.505	4.9	119	0.00
4	Chloromethane	10.000	8.705	13.0	115	0.00
5 T	Vinyl Chloride	10.000	8.565	14.4	116	0.00
6 T	Bromomethane	10.000	9.228	7.7	126	0.00
7	Chloroethane	10.000	8.948	10.5	124	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.497	5.0	123	0.00
9 T	Propene	10.000	9.294	7.1	114	0.00
10 T	Heptane	10.000	9.154	8.5	117	-0.02
11 T	Trichlorofluoromethane	10.000	9.942	0.6	131	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.765	2.3	132	0.00
13	Ethanol	10.000	7.093	29.1	109	0.00
14 T	Bromoethene	10.000	9.619	3.8	127	0.00
15 T	Acetone	10.000	8.196	18.0	119	0.00
16 T	1,3-Butadiene	10.000	8.259	17.4	113	0.00
17	tert-Butyl alcohol	10.000	9.385	6.2	121	0.00
18 T	1,1-Dichloroethene	10.000	10.027	-0.3	132	0.00
19 T	Isopropyl Alcohol	10.000	8.626	13.7	117	0.00
20 T	Methylene Chloride	10.000	7.766	22.3	120	0.00
21 T	Allyl Chloride	10.000	8.931	10.7	115	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.663	3.4	130	0.00
23 T	Vinyl Acetate	10.000	10.537	-5.4	151	0.00
24 T	1,1-Dichloroethane	10.000	9.424	5.8	121	0.00
25 T	Ethyl Acetate	10.000	9.595	4.0	120	0.00
26 T	Hexane	10.000	9.602	4.0	124	0.00
27 T	Carbon Disulfide	10.000	9.715	2.9	123	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.208	7.9	129	0.00
29 T	Chloroform	10.000	9.989	0.1	129	0.00
30 T	Cyclohexane	10.000	9.659	3.4	126	-0.01
31 T	cis-1,2-Dichloroethene	10.000	10.106	-1.1	124	0.00
32 T	1,1,1-Trichloroethane	10.000	10.038	-0.4	128	-0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	119	-0.01
34 T	2-Butanone	10.000	9.127	8.7	120	0.00
35 T	Carbon Tetrachloride	10.000	10.014	-0.1	131	-0.01
36 T	Benzene	10.000	9.647	3.5	124	0.00
37 T	1,2-Dichloroethane	10.000	9.351	6.5	124	0.00
38 T	Trichloroethene	10.000	9.450	5.5	129	-0.02
39 T	1,2-Dichloropropane	10.000	9.439	5.6	121	0.00
40 T	1,4-Dioxane	10.000	9.484	5.2	123	-0.02
41 T	Tetrahydrofuran	10.000	9.030	9.7	117	0.00
42 T	Bromodichloromethane	10.000	9.966	0.3	127	-0.02
43	Methyl Methacrylate	10.000	9.170	8.3	115	-0.02
44 T	2,2,4-Trimethylpentane	10.000	9.373	6.3	121	-0.02
45 T	t-1,3-Dichloropropene	10.000	9.719	2.8	120	-0.02
46 T	cis-1,3-Dichloropropene	10.000	9.666	3.3	120	-0.02
47 T	1,1,2-Trichloroethane	10.000	9.703	3.0	127	-0.02
48 T	Dibromochloromethane	10.000	10.387	-3.9	130	-0.01

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

49 T	Bromoform	10.000	10.777	-7.8	133	-0.01
50 T	4-Methyl-2-Pentanone	10.000	9.059	9.4	114	-0.02
51 T	2-Hexanone	10.000	9.258	7.4	110	-0.02
52 T	Tetrachloroethene	10.000	10.164	-1.6	131	-0.01
53 T	Toluene	10.000	9.488	5.1	121	-0.02
54 T	1,2-Dibromoethane	10.000	9.698	3.0	126	-0.02

55 I	Chlorobenzene-d5	10.000	10.000	0.0	118	-0.01
56	1,1,1,2-Tetrachloroethane	10.000	10.233	-2.3	128	-0.01
57 T	Chlorobenzene	10.000	9.618	3.8	125	-0.01
58 T	Ethyl Benzene	10.000	9.524	4.8	120	0.00
59 T	m/p-Xylene	20.000	18.858	5.7	123	0.00
60 T	o-Xylene	10.000	9.401	6.0	122	-0.01
61 T	Styrene	10.000	9.551	4.5	118	-0.01
62	Isopropylbenzene	10.000	9.541	4.6	122	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.902	11.0	122	-0.01
64	n-propylbenzene	10.000	9.446	5.5	122	0.00
65	tert-Butylbenzene	10.000	9.159	8.4	122	0.00
66 T	Benzyl Chloride	10.000	9.427	5.7	110	0.00
67	sec-Butylbenzene	10.000	9.198	8.0	123	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.967	0.3	117	0.00
69	p-Isopropyltoluene	10.000	9.200	8.0	121	0.00
70	n-Butylbenzene	10.000	9.228	7.7	120	0.00
71	2-Chlorotoluene	10.000	9.287	7.1	120	0.00
72 T	4-Ethyltoluene	10.000	9.538	4.6	122	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.499	5.0	121	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.171	8.3	124	0.00
75 T	1,3-Dichlorobenzene	10.000	9.701	3.0	124	0.00
76 T	1,4-Dichlorobenzene	10.000	9.675	3.2	124	0.00
77 T	1,2-Dichlorobenzene	10.000	9.483	5.2	125	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.290	7.1	131	0.00
79 T	Naphthalene	10.000	9.169	8.3	109	0.00
80 T	Naphthalene,2-methyl-	10.000	11.414	-14.1	117	0.00
81 T	1,2,4-Trichlorobenzene	10.000	9.994	0.1	123	0.00

(#) = Out of Range

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