

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041942.D
 Acq On : 21 Jan 2025 12:06
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 21 12:44:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 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	90	-0.02
2 T	Dichlorodifluoromethane	10.000	10.920	-9.2	103	0.00
3	Chlorodifluoromethane	10.000	10.687	-6.9	103	0.00
4	Chloromethane	10.000	11.021	-10.2	103	0.00
5 T	Vinyl Chloride	10.000	10.676	-6.8	107	0.00
6 T	Bromomethane	10.000	10.297	-3.0	101	-0.01
7	Chloroethane	10.000	11.109	-11.1	105	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.336	-3.4	101	0.00
9 T	Propene	10.000	10.667	-6.7	100	0.00
10 T	Heptane	10.000	11.478	-14.8	106	-0.04
11 T	Trichlorofluoromethane	10.000	10.000	0.0	96	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.946	0.5	94	-0.02
13	Ethanol	10.000	5.915	40.8#	84	0.00
14 T	Bromoethene	10.000	9.772	2.3	97	-0.01
15 T	Acetone	10.000	9.432	5.7	103	-0.01
16 T	1,3-Butadiene	10.000	10.780	-7.8	106	0.00
17	tert-Butyl alcohol	10.000	9.259	7.4	88	-0.01
18 T	1,1-Dichloroethene	10.000	9.645	3.6	95	-0.01
19 T	Isopropyl Alcohol	10.000	8.893	11.1	92	0.00
20 T	Methylene Chloride	10.000	9.097	9.0	100	-0.02
21 T	Allyl Chloride	10.000	10.163	-1.6	96	-0.01
22 T	trans-1,2-Dichloroethene	10.000	10.377	-3.8	98	-0.01
23 T	Vinyl Acetate	10.000	6.682	33.2#	67	-0.01
24 T	1,1-Dichloroethane	10.000	10.703	-7.0	104	-0.02
25 T	Ethyl Acetate	10.000	11.247	-12.5	106	-0.02
26 T	Hexane	10.000	11.240	-12.4	103	-0.02
27 T	Carbon Disulfide	10.000	10.439	-4.4	95	-0.01
28 T	Methyl tert-Butyl Ether	10.000	7.438	25.6	85	-0.02
29 T	Chloroform	10.000	11.005	-10.1	105	-0.02
30 T	Cyclohexane	10.000	10.667	-6.7	99	-0.03
31 T	cis-1,2-Dichloroethene	10.000	10.400	-4.0	99	-0.02
32 T	1,1,1-Trichloroethane	10.000	10.861	-8.6	100	-0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	86	-0.03
34 T	2-Butanone	10.000	11.558	-15.6	105	-0.02
35 T	Carbon Tetrachloride	10.000	12.275	-22.8	102	-0.03
36 T	Benzene	10.000	11.358	-13.6	101	-0.03
37 T	1,2-Dichloroethane	10.000	11.490	-14.9	103	-0.02
38 T	Trichloroethene	10.000	11.413	-14.1	101	-0.03
39 T	1,2-Dichloropropane	10.000	11.202	-12.0	101	-0.03
40 T	1,4-Dioxane	10.000	10.089	-0.9	95	-0.04
41 T	Tetrahydrofuran	10.000	11.856	-18.6	101	-0.02
42 T	Bromodichloromethane	10.000	11.615	-16.2	101	-0.04
43	Methyl Methacrylate	10.000	11.336	-13.4	98	-0.03
44 T	2,2,4-Trimethylpentane	10.000	11.826	-18.3	103	-0.04
45 T	t-1,3-Dichloropropene	10.000	11.120	-11.2	90	-0.04
46 T	cis-1,3-Dichloropropene	10.000	11.430	-14.3	92	-0.04
47 T	1,1,2-Trichloroethane	10.000	11.753	-17.5	103	-0.03
48 T	Dibromochloromethane	10.000	11.945	-19.5	99	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	11.879	-18.8	96	-0.03
50 T	4-Methyl-2-Pentanone	10.000	11.630	-16.3	104	-0.04
51 T	2-Hexanone	10.000	12.205	-22.1	107	-0.03
52 T	Tetrachloroethene	10.000	10.664	-6.6	100	-0.03
53 T	Toluene	10.000	11.647	-16.5	99	-0.04
54 T	1,2-Dibromoethane	10.000	11.656	-16.6	103	-0.03
55 I	Chlorobenzene-d5	10.000	10.000	0.0	85	-0.03
56	1,1,1,2-Tetrachloroethane	10.000	11.699	-17.0	103	-0.03
57 T	Chlorobenzene	10.000	11.600	-16.0	107	-0.03
58 T	Ethyl Benzene	10.000	11.929	-19.3	102	-0.03
59 T	m/p-Xylene	20.000	24.713	-23.6	107	-0.03
60 T	o-Xylene	10.000	12.294	-22.9	106	-0.03
61 T	Styrene	10.000	12.371	-23.7	100	-0.03
62	Isopropylbenzene	10.000	11.875	-18.8	104	-0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	11.938	-19.4	107	-0.03
64	n-propylbenzene	10.000	12.122	-21.2	106	-0.02
65	tert-Butylbenzene	10.000	11.600	-16.0	103	-0.02
66 T	Benzyl Chloride	10.000	9.571	4.3	76	-0.02
67	sec-Butylbenzene	10.000	11.744	-17.4	104	-0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	10.213	-2.1	87	-0.03
69	p-Isopropyltoluene	10.000	11.909	-19.1	104	-0.02
70	n-Butylbenzene	10.000	11.661	-16.6	103	-0.02
71	2-Chlorotoluene	10.000	11.864	-18.6	103	-0.02
72 T	4-Ethyltoluene	10.000	12.428	-24.3	107	-0.02
73 T	1,3,5-Trimethylbenzene	10.000	11.876	-18.8	105	-0.02
74 T	1,2,4-Trimethylbenzene	10.000	11.985	-19.8	107	-0.02
75 T	1,3-Dichlorobenzene	10.000	11.778	-17.8	108	-0.02
76 T	1,4-Dichlorobenzene	10.000	11.885	-18.8	108	-0.02
77 T	1,2-Dichlorobenzene	10.000	11.502	-15.0	107	-0.02
78 T	Hexachloro-1,3-Butadiene	10.000	8.966	10.3	89	-0.02
79 T	Naphthalene	10.000	9.761	2.4	94	-0.02
80 T	Naphthalene,2-methyl-	10.000	7.469	25.3	93	-0.02
81 T	1,2,4-Trichlorobenzene	10.000	8.975	10.3	89	-0.02

(#) = Out of Range

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