

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041958.D
 Acq On : 03 Feb 2025 10:48
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 04 02:30:31 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	103	0.00
2 T	Dichlorodifluoromethane	10.000	10.181	-1.8	110	0.00
3	Chlorodifluoromethane	10.000	10.298	-3.0	114	0.00
4	Chloromethane	10.000	10.721	-7.2	115	0.00
5 T	Vinyl Chloride	10.000	10.188	-1.9	117	0.00
6 T	Bromomethane	10.000	9.822	1.8	110	0.00
7	Chloroethane	10.000	10.747	-7.5	116	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.941	0.6	112	0.00
9 T	Propene	10.000	10.361	-3.6	111	0.00
10 T	Heptane	10.000	10.790	-7.9	115	-0.02
11 T	Trichlorofluoromethane	10.000	9.513	4.9	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.317	6.8	101	0.00
13	Ethanol	10.000	6.513	34.9#	106	0.00
14 T	Bromoethene	10.000	9.468	5.3	107	0.00
15 T	Acetone	10.000	9.330	6.7	117	0.00
16 T	1,3-Butadiene	10.000	10.224	-2.2	115	0.00
17	tert-Butyl alcohol	10.000	8.872	11.3	97	0.00
18 T	1,1-Dichloroethene	10.000	9.444	5.6	107	0.00
19 T	Isopropyl Alcohol	10.000	9.007	9.9	107	0.00
20 T	Methylene Chloride	10.000	8.426	15.7	106	0.00
21 T	Allyl Chloride	10.000	9.677	3.2	105	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.700	3.0	105	0.00
23 T	Vinyl Acetate	10.000	9.001	10.0	103	0.00
24 T	1,1-Dichloroethane	10.000	9.969	0.3	111	0.00
25 T	Ethyl Acetate	10.000	10.829	-8.3	117	0.00
26 T	Hexane	10.000	10.713	-7.1	113	0.00
27 T	Carbon Disulfide	10.000	10.041	-0.4	105	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.719	2.8	127	0.00
29 T	Chloroform	10.000	10.471	-4.7	115	0.00
30 T	Cyclohexane	10.000	10.470	-4.7	111	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.825	1.8	108	0.00
32 T	1,1,1-Trichloroethane	10.000	10.444	-4.4	110	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	96	-0.01
34 T	2-Butanone	10.000	11.458	-14.6	116	0.00
35 T	Carbon Tetrachloride	10.000	11.888	-18.9	110	-0.01
36 T	Benzene	10.000	11.280	-12.8	112	0.00
37 T	1,2-Dichloroethane	10.000	10.905	-9.0	109	0.00
38 T	Trichloroethene	10.000	11.218	-12.2	110	-0.01
39 T	1,2-Dichloropropane	10.000	11.255	-12.6	113	0.00
40 T	1,4-Dioxane	10.000	10.701	-7.0	113	-0.02
41 T	Tetrahydrofuran	10.000	11.736	-17.4	112	0.00
42 T	Bromodichloromethane	10.000	11.620	-16.2	112	-0.01
43	Methyl Methacrylate	10.000	10.675	-6.8	103	0.00
44 T	2,2,4-Trimethylpentane	10.000	11.790	-17.9	115	-0.01
45 T	t-1,3-Dichloropropene	10.000	10.811	-8.1	97	0.00
46 T	cis-1,3-Dichloropropene	10.000	11.274	-12.7	101	-0.01
47 T	1,1,2-Trichloroethane	10.000	11.410	-14.1	112	0.00
48 T	Dibromochloromethane	10.000	11.924	-19.2	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	12.125	-21.3	109	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.499	-15.0	115	-0.02
51 T	2-Hexanone	10.000	11.752	-17.5	115	0.00
52 T	Tetrachloroethene	10.000	10.211	-2.1	106	0.00
53 T	Toluene	10.000	11.275	-12.8	107	-0.01
54 T	1,2-Dibromoethane	10.000	11.384	-13.8	112	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	10.000	11.885	-18.8	114	0.00
57 T	Chlorobenzene	10.000	11.280	-12.8	114	0.00
58 T	Ethyl Benzene	10.000	11.531	-15.3	108	0.00
59 T	m/p-Xylene	20.000	23.782	-18.9	113	0.00
60 T	o-Xylene	10.000	12.025	-20.3	113	0.00
61 T	Styrene	10.000	11.895	-18.9	105	0.00
62	Isopropylbenzene	10.000	11.677	-16.8	112	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	12.280	-22.8	121	0.00
64	n-propylbenzene	10.000	11.942	-19.4	115	0.00
65	tert-Butylbenzene	10.000	11.464	-14.6	111	0.00
66 T	Benzyl Chloride	10.000	11.160	-11.6	98	0.00
67	sec-Butylbenzene	10.000	11.655	-16.5	114	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.905	1.0	92	0.00
69	p-Isopropyltoluene	10.000	11.756	-17.6	113	0.00
70	n-Butylbenzene	10.000	11.589	-15.9	112	0.00
71	2-Chlorotoluene	10.000	11.644	-16.4	111	0.00
72 T	4-Ethyltoluene	10.000	11.926	-19.3	112	0.00
73 T	1,3,5-Trimethylbenzene	10.000	11.613	-16.1	112	0.00
74 T	1,2,4-Trimethylbenzene	10.000	11.666	-16.7	114	0.00
75 T	1,3-Dichlorobenzene	10.000	11.437	-14.4	115	0.00
76 T	1,4-Dichlorobenzene	10.000	11.500	-15.0	114	0.00
77 T	1,2-Dichlorobenzene	10.000	11.457	-14.6	117	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.729	2.7	106	0.00
79 T	Naphthalene	10.000	10.407	-4.1	110	0.00
80 T	Naphthalene,2-methyl-	10.000	6.894	31.1#	94	0.00
81 T	1,2,4-Trichlorobenzene	10.000	9.671	3.3	105	0.00

(#) = Out of Range

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