

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040398.D
 Acq On : 20 Apr 2023 9:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 20 10:33:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 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	102	-0.02
2 T	Dichlorodifluoromethane	10.000	11.529	-15.3	139	0.00
3	Chlorodifluoromethane	10.000	9.862	1.4	115	0.00
4	Chloromethane	10.000	10.415	-4.1	119	-0.01
5 T	Vinyl Chloride	10.000	10.730	-7.3	122	0.00
6 T	Bromomethane	10.000	9.608	3.9	107	0.00
7	Chloroethane	10.000	10.113	-1.1	113	-0.01
8 T	Dichlorotetrafluoroethane	10.000	9.545	4.6	108	-0.01
9 T	Propene	10.000	11.762	-17.6	136	-0.01
10 T	Heptane	10.000	12.068	-20.7	123	-0.02
11 T	Trichlorofluoromethane	10.000	8.755	12.4	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.525	4.7	107	-0.02
13	Ethanol	10.000	10.171	-1.7	135	0.00
14 T	Bromoethene	10.000	9.609	3.9	105	-0.01
15 T	Acetone	10.000	8.809	11.9	114	0.00
16 T	1,3-Butadiene	10.000	11.198	-12.0	123	0.00
17	tert-Butyl alcohol	10.000	9.879	1.2	109	-0.01
18 T	1,1-Dichloroethene	10.000	9.721	2.8	109	-0.01
19 T	Isopropyl Alcohol	10.000	10.140	-1.4	113	0.00
20 T	Methylene Chloride	10.000	8.455	15.4	106	-0.01
21 T	Allyl Chloride	10.000	11.065	-10.6	121	-0.01
22 T	trans-1,2-Dichloroethene	10.000	10.215	-2.1	113	-0.02
23 T	Vinyl Acetate	10.000	11.012	-10.1	128	-0.01
24 T	1,1-Dichloroethane	10.000	10.036	-0.4	111	-0.02
25 T	Ethyl Acetate	10.000	10.941	-9.4	121	-0.02
26 T	Hexane	10.000	11.248	-12.5	124	-0.02
27 T	Carbon Disulfide	10.000	10.738	-7.4	106	-0.02
28 T	Methyl tert-Butyl Ether	10.000	11.074	-10.7	122	-0.02
29 T	Chloroform	10.000	9.654	3.5	109	-0.02
30 T	Cyclohexane	10.000	12.070	-20.7	122	-0.02
31 T	cis-1,2-Dichloroethene	10.000	10.995	-9.9	116	-0.02
32 T	1,1,1-Trichloroethane	10.000	9.705	2.9	105	-0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	109	-0.02
34 T	2-Butanone	10.000	9.661	3.4	113	-0.02
35 T	Carbon Tetrachloride	10.000	9.152	8.5	103	-0.02
36 T	Benzene	10.000	10.944	-9.4	124	-0.02
37 T	1,2-Dichloroethane	10.000	9.331	6.7	106	-0.02
38 T	Trichloroethene	10.000	11.085	-10.9	115	-0.02
39 T	1,2-Dichloropropane	10.000	10.664	-6.6	121	-0.02
40 T	1,4-Dioxane	10.000	11.283	-12.8	131	-0.02
41 T	Tetrahydrofuran	10.000	11.890	-18.9	133	-0.02
42 T	Bromodichloromethane	10.000	9.632	3.7	106	-0.02
43	Methyl Methacrylate	10.000	11.741	-17.4	121	-0.02
44 T	2,2,4-Trimethylpentane	10.000	10.787	-7.9	122	-0.02
45 T	t-1,3-Dichloropropene	10.000	12.170	-21.7	116	-0.02
46 T	cis-1,3-Dichloropropene	10.000	11.867	-18.7	115	-0.02
47 T	1,1,2-Trichloroethane	10.000	10.075	-0.7	114	-0.02
48 T	Dibromochloromethane	10.000	10.131	-1.3	107	-0.02

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

49 T	Bromoform	10.000	10.273	-2.7	105	-0.02
50 T	4-Methyl-2-Pentanone	10.000	10.954	-9.5	119	-0.02
51 T	2-Hexanone	10.000	11.750	-17.5	121	-0.03
52 T	Tetrachloroethene	10.000	11.771	-17.7	122	-0.02
53 T	Toluene	10.000	11.613	-16.1	121	-0.02
54 T	1,2-Dibromoethane	10.000	10.862	-8.6	112	-0.02
55 I	Chlorobenzene-d5	10.000	10.000	0.0	105	-0.02
56	1,1,1,2-Tetrachloroethane	10.000	9.369	6.3	107	-0.02
57 T	Chlorobenzene	10.000	9.837	1.6	114	-0.03
58 T	Ethyl Benzene	10.000	11.039	-10.4	114	-0.03
59 T	m/p-Xylene	20.000	19.963	0.2	108	-0.02
60 T	o-Xylene	10.000	9.914	0.9	107	-0.02
61 T	Styrene	10.000	12.045	-20.4	114	-0.02
62	Isopropylbenzene	10.000	9.761	2.4	108	-0.03
63 T	1,1,2,2-Tetrachloroethane	10.000	8.482	15.2	107	-0.02
64	n-propylbenzene	10.000	10.591	-5.9	114	-0.02
65	tert-Butylbenzene	10.000	9.836	1.6	110	-0.03
66 T	Benzyl Chloride	10.000	10.194	-1.9	104	-0.03
67	sec-Butylbenzene	10.000	9.664	3.4	108	-0.03
68 S	1-Bromo-4-Fluorobenzene	10.000	9.198	8.0	99	-0.03
69	p-Isopropyltoluene	10.000	10.339	-3.4	113	-0.03
70	n-Butylbenzene	10.000	10.055	-0.5	111	-0.02
71	2-Chlorotoluene	10.000	9.784	2.2	106	-0.02
72 T	4-Ethyltoluene	10.000	10.395	-3.9	108	-0.03
73 T	1,3,5-Trimethylbenzene	10.000	10.139	-1.4	109	-0.02
74 T	1,2,4-Trimethylbenzene	10.000	9.521	4.8	106	-0.02
75 T	1,3-Dichlorobenzene	10.000	10.035	-0.4	113	-0.03
76 T	1,4-Dichlorobenzene	10.000	9.903	1.0	111	-0.02
77 T	1,2-Dichlorobenzene	10.000	9.970	0.3	116	-0.03
78 T	Hexachloro-1,3-Butadiene	10.000	10.450	-4.5	129	-0.03
79 T	Naphthalene	10.000	14.456	-44.6#	130	-0.02
80 T	Naphthalene,2-methyl-	10.000	13.156	-31.6#	113	-0.02
81 T	1,2,4-Trichlorobenzene	10.000	12.075	-20.7	130	-0.03

(#) = Out of Range

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