

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
 Data File : VL040190.D
 Acq On : 17 Feb 2023 8:17
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 17 08:48:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 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	101	0.02
2 T	Dichlorodifluoromethane	10.000	5.785	42.1#	75	0.01
3	Chlorodifluoromethane	10.000	9.573	4.3	106	0.01
4	Chloromethane	10.000	10.230	-2.3	114	0.01
5 T	Vinyl Chloride	10.000	10.788	-7.9	112	0.02
6 T	Bromomethane	10.000	9.186	8.1	99	0.02
7	Chloroethane	10.000	9.968	0.3	112	0.01
8 T	Dichlorotetrafluoroethane	10.000	9.110	8.9	101	0.01
9 T	Propene	10.000	11.145	-11.4	121	0.01
10 T	Heptane	10.000	11.304	-13.0	115	0.02
11 T	Trichlorofluoromethane	10.000	8.534	14.7	97	0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.661	13.4	96	0.02
13	Ethanol	10.000	8.557	14.4	123	0.02
14 T	Bromoethene	10.000	9.479	5.2	99	0.02
15 T	Acetone	10.000	9.174	8.3	109	0.01
16 T	1,3-Butadiene	10.000	10.269	-2.7	106	0.01
17	tert-Butyl alcohol	10.000	11.393	-13.9	116	0.02
18 T	1,1-Dichloroethene	10.000	9.301	7.0	102	0.02
19 T	Isopropyl Alcohol	10.000	11.199	-12.0	125	0.02
20 T	Methylene Chloride	10.000	6.889	31.1#	102	0.02
21 T	Allyl Chloride	10.000	10.739	-7.4	108	0.02
22 T	trans-1,2-Dichloroethene	10.000	9.412	5.9	100	0.02
23 T	Vinyl Acetate	10.000	10.742	-7.4	109	0.02
24 T	1,1-Dichloroethane	10.000	9.519	4.8	103	0.02
25 T	Ethyl Acetate	10.000	10.579	-5.8	114	0.02
26 T	Hexane	10.000	10.665	-6.6	117	0.02
27 T	Carbon Disulfide	10.000	10.411	-4.1	101	0.02
28 T	Methyl tert-Butyl Ether	10.000	10.066	-0.7	108	0.02
29 T	Chloroform	10.000	9.261	7.4	102	0.02
30 T	Cyclohexane	10.000	11.322	-13.2	114	0.02
31 T	cis-1,2-Dichloroethene	10.000	10.956	-9.6	122	0.02
32 T	1,1,1-Trichloroethane	10.000	9.599	4.0	99	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	104	0.02
34 T	2-Butanone	10.000	9.549	4.5	108	0.02
35 T	Carbon Tetrachloride	10.000	9.549	4.5	97	0.02
36 T	Benzene	10.000	10.462	-4.6	114	0.02
37 T	1,2-Dichloroethane	10.000	8.870	11.3	99	0.02
38 T	Trichloroethene	10.000	10.614	-6.1	107	0.02
39 T	1,2-Dichloropropane	10.000	10.248	-2.5	114	0.02
40 T	1,4-Dioxane	10.000	10.180	-1.8	113	0.02
41 T	Tetrahydrofuran	10.000	11.223	-12.2	117	0.02
42 T	Bromodichloromethane	10.000	9.392	6.1	101	0.03
43	Methyl Methacrylate	10.000	11.354	-13.5	115	0.02
44 T	2,2,4-Trimethylpentane	10.000	10.302	-3.0	115	0.03
45 T	t-1,3-Dichloropropene	10.000	12.135	-21.3	112	0.02
46 T	cis-1,3-Dichloropropene	10.000	11.707	-17.1	112	0.02
47 T	1,1,2-Trichloroethane	10.000	9.865	1.3	109	0.02
48 T	Dibromochloromethane	10.000	10.305	-3.0	104	0.03

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

49 T	Bromoform	10.000	10.722	-7.2	106	0.03
50 T	4-Methyl-2-Pentanone	10.000	10.676	-6.8	113	0.03
51 T	2-Hexanone	10.000	10.820	-8.2	112	0.03
52 T	Tetrachloroethene	10.000	11.557	-15.6	116	0.03
53 T	Toluene	10.000	11.222	-12.2	115	0.03
54 T	1,2-Dibromoethane	10.000	10.676	-6.8	108	0.03
55 I	Chlorobenzene-d5	10.000	10.000	0.0	108	0.03
56	1,1,1,2-Tetrachloroethane	10.000	9.179	8.2	105	0.03
57 T	Chlorobenzene	10.000	9.545	4.6	110	0.03
58 T	Ethyl Benzene	10.000	10.154	-1.5	110	0.03
59 T	m/p-Xylene	20.000	19.145	4.3	107	0.03
60 T	o-Xylene	10.000	9.457	5.4	106	0.03
61 T	Styrene	10.000	11.235	-12.3	113	0.03
62	Isopropylbenzene	10.000	9.505	4.9	109	0.03
63 T	1,1,2,2-Tetrachloroethane	10.000	8.575	14.3	105	0.03
64	n-propylbenzene	10.000	10.068	-0.7	110	0.03
65	tert-Butylbenzene	10.000	9.449	5.5	107	0.03
66 T	Benzyl Chloride	10.000	9.804	2.0	107	0.03
67	sec-Butylbenzene	10.000	9.319	6.8	108	0.03
68 S	1-Bromo-4-Fluorobenzene	10.000	9.118	8.8	98	0.03
69	p-Isopropyltoluene	10.000	9.571	4.3	108	0.02
70	n-Butylbenzene	10.000	9.161	8.4	106	0.03
71	2-Chlorotoluene	10.000	9.459	5.4	107	0.03
72 T	4-Ethyltoluene	10.000	10.060	-0.6	110	0.03
73 T	1,3,5-Trimethylbenzene	10.000	9.480	5.2	108	0.03
74 T	1,2,4-Trimethylbenzene	10.000	9.153	8.5	105	0.03
75 T	1,3-Dichlorobenzene	10.000	9.708	2.9	111	0.02
76 T	1,4-Dichlorobenzene	10.000	9.564	4.4	109	0.03
77 T	1,2-Dichlorobenzene	10.000	9.308	6.9	111	0.03
78 T	Hexachloro-1,3-Butadiene	10.000	8.778	12.2	113	0.03
79 T	Naphthalene	10.000	12.417	-24.2	115	0.03
80 T	Naphthalene,2-methyl-	10.000	15.164	-51.6#	135	0.03
81 T	1,2,4-Trichlorobenzene	10.000	10.676	-6.8	118	0.03

(#) = Out of Range

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