

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073123\
 Data File : VL040569.D
 Acq On : 31 Jul 2023 12:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 01 01:37:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 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	108	-0.02
2 T	Dichlorodifluoromethane	10.000	9.732	2.7	115	-0.02
3	Chlorodifluoromethane	10.000	9.486	5.1	110	-0.02
4	Chloromethane	10.000	9.468	5.3	107	-0.02
5 T	Vinyl Chloride	10.000	9.762	2.4	115	-0.02
6 T	Bromomethane	10.000	9.619	3.8	113	-0.02
7	Chloroethane	10.000	9.570	4.3	110	-0.02
8 T	Dichlorotetrafluoroethane	10.000	9.761	2.4	114	-0.03
9 T	Propene	10.000	9.082	9.2	104	-0.02
10 T	Heptane	10.000	9.948	0.5	104	-0.02
11 T	Trichlorofluoromethane	10.000	10.348	-3.5	123	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.441	-4.4	123	-0.02
13	Ethanol	10.000	9.444	5.6	121	-0.02
14 T	Bromoethene	10.000	10.339	-3.4	118	-0.02
15 T	Acetone	10.000	9.459	5.4	114	-0.02
16 T	1,3-Butadiene	10.000	10.211	-2.1	111	-0.02
17	tert-Butyl alcohol	10.000	11.356	-13.6	125	-0.02
18 T	1,1-Dichloroethene	10.000	10.656	-6.6	123	-0.02
19 T	Isopropyl Alcohol	10.000	11.575	-15.7	125	-0.02
20 T	Methylene Chloride	10.000	10.304	-3.0	133	-0.02
21 T	Allyl Chloride	10.000	10.125	-1.3	113	-0.02
22 T	trans-1,2-Dichloroethene	10.000	10.803	-8.0	118	-0.02
23 T	Vinyl Acetate	10.000	10.579	-5.8	110	-0.02
24 T	1,1-Dichloroethane	10.000	10.134	-1.3	118	-0.02
25 T	Ethyl Acetate	10.000	9.865	1.3	108	-0.02
26 T	Hexane	10.000	9.585	4.1	107	-0.02
27 T	Carbon Disulfide	10.000	11.518	-15.2	118	-0.02
28 T	Methyl tert-Butyl Ether	10.000	10.226	-2.3	113	-0.02
29 T	Chloroform	10.000	9.807	1.9	112	-0.02
30 T	Cyclohexane	10.000	9.622	3.8	105	-0.01
31 T	cis-1,2-Dichloroethene	10.000	10.087	-0.9	107	-0.02
32 T	1,1,1-Trichloroethane	10.000	10.199	-2.0	115	-0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	99	-0.02
34 T	2-Butanone	10.000	10.544	-5.4	105	-0.02
35 T	Carbon Tetrachloride	10.000	11.507	-15.1	115	-0.01
36 T	Benzene	10.000	10.143	-1.4	103	-0.02
37 T	1,2-Dichloroethane	10.000	10.679	-6.8	115	-0.02
38 T	Trichloroethene	10.000	10.828	-8.3	105	-0.02
39 T	1,2-Dichloropropane	10.000	10.150	-1.5	103	-0.01
40 T	1,4-Dioxane	10.000	12.269	-22.7	125	-0.01
41 T	Tetrahydrofuran	10.000	10.619	-6.2	104	-0.02
42 T	Bromodichloromethane	10.000	10.979	-9.8	111	-0.01
43	Methyl Methacrylate	10.000	11.001	-10.0	102	-0.01
44 T	2,2,4-Trimethylpentane	10.000	10.322	-3.2	104	-0.01
45 T	t-1,3-Dichloropropene	10.000	11.441	-14.4	97	-0.01
46 T	cis-1,3-Dichloropropene	10.000	10.830	-8.3	97	-0.01
47 T	1,1,2-Trichloroethane	10.000	10.091	-0.9	104	-0.01
48 T	Dibromochloromethane	10.000	11.193	-11.9	106	-0.01

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

49 T	Bromoform	10.000	11.321	-13.2	102	-0.01
50 T	4-Methyl-2-Pentanone	10.000	10.874	-8.7	105	-0.02
51 T	2-Hexanone	10.000	11.095	-11.0	99	-0.01
52 T	Tetrachloroethene	10.000	10.713	-7.1	98	0.00
53 T	Toluene	10.000	10.652	-6.5	100	0.00
54 T	1,2-Dibromoethane	10.000	10.575	-5.7	99	-0.01
55 I	Chlorobenzene-d5	10.000	10.000	0.0	91	0.00
56	1,1,1,2-Tetrachloroethane	10.000	10.971	-9.7	106	0.00
57 T	Chlorobenzene	10.000	10.484	-4.8	100	0.00
58 T	Ethyl Benzene	10.000	11.336	-13.4	100	-0.01
59 T	m/p-Xylene	20.000	22.104	-10.5	103	-0.01
60 T	o-Xylene	10.000	11.203	-12.0	104	-0.01
61 T	Styrene	10.000	12.114	-21.1	96	-0.01
62	Isopropylbenzene	10.000	10.766	-7.7	101	-0.01
63 T	1,1,2,2-Tetrachloroethane	10.000	11.233	-12.3	106	-0.01
64	n-propylbenzene	10.000	10.774	-7.7	98	-0.01
65	tert-Butylbenzene	10.000	10.618	-6.2	99	0.00
66 T	Benzyl Chloride	10.000	12.586	-25.9	105	0.00
67	sec-Butylbenzene	10.000	10.459	-4.6	100	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.247	-2.5	97	0.00
69	p-Isopropyltoluene	10.000	10.336	-3.4	96	0.00
70	n-Butylbenzene	10.000	10.266	-2.7	97	0.00
71	2-Chlorotoluene	10.000	10.958	-9.6	101	0.00
72 T	4-Ethyltoluene	10.000	11.191	-11.9	100	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.943	-9.4	99	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.550	-5.5	101	0.00
75 T	1,3-Dichlorobenzene	10.000	9.984	0.2	95	-0.01
76 T	1,4-Dichlorobenzene	10.000	9.824	1.8	92	0.00
77 T	1,2-Dichlorobenzene	10.000	9.985	0.2	94	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	7.871	21.3	79	-0.01
79 T	Naphthalene	10.000	10.543	-5.4	80	0.00
80 T	Naphthalene,2-methyl-	10.000	9.154	8.5	63	0.00
81 T	1,2,4-Trichlorobenzene	10.000	8.782	12.2	79	0.00

(#) = Out of Range

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