

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051223\
 Data File : VL040428.D
 Acq On : 12 May 2023 22:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 15 00:49:33 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	100	-0.01
2 T	Dichlorodifluoromethane	10.000	8.121	18.8	96	0.00
3	Chlorodifluoromethane	10.000	9.080	9.2	104	0.00
4	Chloromethane	10.000	9.203	8.0	103	0.00
5 T	Vinyl Chloride	10.000	9.524	4.8	106	0.00
6 T	Bromomethane	10.000	9.138	8.6	100	0.00
7	Chloroethane	10.000	9.139	8.6	100	0.00
8 T	Dichlorotetrafluoroethane	10.000	8.939	10.6	99	0.00
9 T	Propene	10.000	9.781	2.2	110	0.00
10 T	Heptane	10.000	10.565	-5.6	106	0.00
11 T	Trichlorofluoromethane	10.000	8.584	14.2	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.936	10.6	98	0.00
13	Ethanol	10.000	8.648	13.5	113	0.00
14 T	Bromoethene	10.000	9.550	4.5	102	0.00
15 T	Acetone	10.000	8.149	18.5	103	0.00
16 T	1,3-Butadiene	10.000	9.935	0.6	107	0.00
17	tert-Butyl alcohol	10.000	9.720	2.8	105	0.00
18 T	1,1-Dichloroethene	10.000	9.066	9.3	99	0.00
19 T	Isopropyl Alcohol	10.000	9.400	6.0	102	0.00
20 T	Methylene Chloride	10.000	8.024	19.8	99	0.00
21 T	Allyl Chloride	10.000	9.886	1.1	106	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.158	8.4	99	0.00
23 T	Vinyl Acetate	10.000	9.056	9.4	103	0.00
24 T	1,1-Dichloroethane	10.000	9.108	8.9	99	0.00
25 T	Ethyl Acetate	10.000	9.695	3.0	105	0.00
26 T	Hexane	10.000	9.798	2.0	106	0.00
27 T	Carbon Disulfide	10.000	9.946	0.5	97	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.359	6.4	101	0.00
29 T	Chloroform	10.000	9.361	6.4	103	0.00
30 T	Cyclohexane	10.000	10.939	-9.4	108	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.202	-2.0	105	0.00
32 T	1,1,1-Trichloroethane	10.000	9.561	4.4	101	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	105	0.00
34 T	2-Butanone	10.000	9.851	1.5	111	0.00
35 T	Carbon Tetrachloride	10.000	9.316	6.8	100	0.00
36 T	Benzene	10.000	9.958	0.4	108	0.00
37 T	1,2-Dichloroethane	10.000	9.277	7.2	101	0.00
38 T	Trichloroethene	10.000	10.483	-4.8	104	-0.01
39 T	1,2-Dichloropropane	10.000	9.677	3.2	105	0.00
40 T	1,4-Dioxane	10.000	9.726	2.7	108	0.00
41 T	Tetrahydrofuran	10.000	10.263	-2.6	110	-0.01
42 T	Bromodichloromethane	10.000	9.592	4.1	101	0.00
43	Methyl Methacrylate	10.000	10.617	-6.2	105	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.716	2.8	105	0.00
45 T	t-1,3-Dichloropropene	10.000	11.362	-13.6	104	0.00
46 T	cis-1,3-Dichloropropene	10.000	11.174	-11.7	104	0.00
47 T	1,1,2-Trichloroethane	10.000	9.584	4.2	104	-0.01
48 T	Dibromochloromethane	10.000	9.977	0.2	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	9.865	1.3	96	-0.01
50 T	4-Methyl-2-Pentanone	10.000	10.159	-1.6	106	0.00
51 T	2-Hexanone	10.000	10.781	-7.8	107	-0.01
52 T	Tetrachloroethene	10.000	10.817	-8.2	108	0.00
53 T	Toluene	10.000	10.739	-7.4	107	0.00
54 T	1,2-Dibromoethane	10.000	10.261	-2.6	102	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	104	0.00
56	1,1,1,2-Tetrachloroethane	10.000	8.870	11.3	100	0.00
57 T	Chlorobenzene	10.000	8.995	10.1	103	-0.01
58 T	Ethyl Benzene	10.000	10.086	-0.9	103	0.00
59 T	m/p-Xylene	20.000	18.790	6.1	101	0.00
60 T	o-Xylene	10.000	9.359	6.4	100	0.00
61 T	Styrene	10.000	10.817	-8.2	101	0.00
62	Isopropylbenzene	10.000	9.162	8.4	100	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	7.938	20.6	99	0.00
64	n-propylbenzene	10.000	9.531	4.7	101	0.00
65	tert-Butylbenzene	10.000	9.149	8.5	101	0.00
66 T	Benzyl Chloride	10.000	10.029	-0.3	101	0.00
67	sec-Butylbenzene	10.000	9.147	8.5	100	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	8.962	10.4	95	0.00
69	p-Isopropyltoluene	10.000	9.567	4.3	103	0.00
70	n-Butylbenzene	10.000	9.639	3.6	105	0.00
71	2-Chlorotoluene	10.000	9.177	8.2	99	0.00
72 T	4-Ethyltoluene	10.000	9.799	2.0	101	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.473	5.3	101	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.098	9.0	100	0.00
75 T	1,3-Dichlorobenzene	10.000	9.250	7.5	103	0.00
76 T	1,4-Dichlorobenzene	10.000	9.111	8.9	101	0.00
77 T	1,2-Dichlorobenzene	10.000	9.244	7.6	106	-0.01
78 T	Hexachloro-1,3-Butadiene	10.000	9.765	2.3	119	0.00
79 T	Naphthalene	10.000	13.781	-37.8#	122	0.00
80 T	Naphthalene,2-methyl-	10.000	13.759	-37.6#	117	0.00
81 T	1,2,4-Trichlorobenzene	10.000	11.411	-14.1	122	-0.01

(#) = Out of Range

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