

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040417.D
 Acq On : 12 May 2023 10:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: May 12 15:58:00 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	99	-0.01
2 T	Dichlorodifluoromethane	10.000	8.927	10.7	104	0.00
3	Chlorodifluoromethane	10.000	8.907	10.9	100	0.00
4	Chloromethane	10.000	8.935	10.6	99	0.00
5 T	Vinyl Chloride	10.000	9.298	7.0	102	0.00
6 T	Bromomethane	10.000	9.371	6.3	101	0.00
7	Chloroethane	10.000	9.283	7.2	100	0.00
8 T	Dichlorotetrafluoroethane	10.000	8.958	10.4	98	0.00
9 T	Propene	10.000	8.877	11.2	99	0.00
10 T	Heptane	10.000	10.158	-1.6	100	0.00
11 T	Trichlorofluoromethane	10.000	9.172	8.3	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.354	6.5	102	-0.01
13	Ethanol	10.000	7.306	26.9	94	0.00
14 T	Bromoethene	10.000	9.668	3.3	102	0.00
15 T	Acetone	10.000	8.036	19.6	101	0.00
16 T	1,3-Butadiene	10.000	9.645	3.6	102	0.00
17	tert-Butyl alcohol	10.000	9.473	5.3	101	0.00
18 T	1,1-Dichloroethene	10.000	9.497	5.0	103	0.00
19 T	Isopropyl Alcohol	10.000	9.174	8.3	99	0.00
20 T	Methylene Chloride	10.000	8.151	18.5	99	0.00
21 T	Allyl Chloride	10.000	9.673	3.3	103	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.567	4.3	103	0.00
23 T	Vinyl Acetate	10.000	9.026	9.7	102	0.00
24 T	1,1-Dichloroethane	10.000	9.401	6.0	100	0.00
25 T	Ethyl Acetate	10.000	9.291	7.1	99	-0.01
26 T	Hexane	10.000	9.409	5.9	101	0.00
27 T	Carbon Disulfide	10.000	10.298	-3.0	99	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.565	4.4	102	0.00
29 T	Chloroform	10.000	9.260	7.4	101	0.00
30 T	Cyclohexane	10.000	10.163	-1.6	99	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.809	1.9	100	0.00
32 T	1,1,1-Trichloroethane	10.000	9.556	4.4	100	-0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	101	-0.01
34 T	2-Butanone	10.000	9.244	7.6	100	0.00
35 T	Carbon Tetrachloride	10.000	9.638	3.6	100	-0.01
36 T	Benzene	10.000	9.718	2.8	101	-0.01
37 T	1,2-Dichloroethane	10.000	9.633	3.7	101	-0.01
38 T	Trichloroethene	10.000	10.567	-5.7	101	-0.01
39 T	1,2-Dichloropropane	10.000	9.470	5.3	99	0.00
40 T	1,4-Dioxane	10.000	9.542	4.6	102	-0.01
41 T	Tetrahydrofuran	10.000	10.118	-1.2	104	-0.01
42 T	Bromodichloromethane	10.000	9.783	2.2	99	-0.02
43	Methyl Methacrylate	10.000	10.448	-4.5	99	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.636	3.6	101	-0.01
45 T	t-1,3-Dichloropropene	10.000	11.518	-15.2	101	-0.01
46 T	cis-1,3-Dichloropropene	10.000	11.124	-11.2	100	-0.01
47 T	1,1,2-Trichloroethane	10.000	9.551	4.5	99	-0.02
48 T	Dibromochloromethane	10.000	10.149	-1.5	98	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	10.094	-0.9	95	-0.01
50 T	4-Methyl-2-Pentanone	10.000	10.161	-1.6	102	0.00
51 T	2-Hexanone	10.000	10.851	-8.5	103	-0.02
52 T	Tetrachloroethene	10.000	10.606	-6.1	101	-0.02
53 T	Toluene	10.000	10.539	-5.4	101	-0.01
54 T	1,2-Dibromoethane	10.000	10.342	-3.4	99	-0.01
55 I	Chlorobenzene-d5	10.000	10.000	0.0	99	-0.01
56	1,1,1,2-Tetrachloroethane	10.000	9.191	8.1	99	-0.01
57 T	Chlorobenzene	10.000	9.087	9.1	99	-0.01
58 T	Ethyl Benzene	10.000	10.193	-1.9	99	-0.02
59 T	m/p-Xylene	20.000	19.202	4.0	98	-0.01
60 T	o-Xylene	10.000	9.652	3.5	98	-0.01
61 T	Styrene	10.000	10.985	-9.8	98	0.00
62	Isopropylbenzene	10.000	9.439	5.6	98	-0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	8.094	19.1	96	-0.01
64	n-propylbenzene	10.000	9.732	2.7	99	-0.02
65	tert-Butylbenzene	10.000	9.478	5.2	100	-0.02
66 T	Benzyl Chloride	10.000	10.407	-4.1	100	-0.02
67	sec-Butylbenzene	10.000	9.516	4.8	100	-0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	9.568	4.3	97	-0.02
69	p-Isopropyltoluene	10.000	9.926	0.7	102	-0.02
70	n-Butylbenzene	10.000	10.078	-0.8	105	-0.01
71	2-Chlorotoluene	10.000	9.510	4.9	98	-0.01
72 T	4-Ethyltoluene	10.000	10.053	-0.5	99	-0.02
73 T	1,3,5-Trimethylbenzene	10.000	9.742	2.6	99	-0.01
74 T	1,2,4-Trimethylbenzene	10.000	9.517	4.8	100	0.00
75 T	1,3-Dichlorobenzene	10.000	9.589	4.1	102	-0.01
76 T	1,4-Dichlorobenzene	10.000	9.437	5.6	100	-0.02
77 T	1,2-Dichlorobenzene	10.000	9.542	4.6	104	-0.02
78 T	Hexachloro-1,3-Butadiene	10.000	9.960	0.4	116	-0.02
79 T	Naphthalene	10.000	14.022	-40.2#	119	0.00
80 T	Naphthalene,2-methyl-	10.000	13.179	-31.8#	107	-0.02
81 T	1,2,4-Trichlorobenzene	10.000	11.626	-16.3	118	-0.02

(#) = Out of Range

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