

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040333.D
 Acq On : 11 Apr 2023 8:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 11 14:50:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 11 04:15:53 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	87	-0.02
2 T	Dichlorodifluoromethane	10.000	7.829	21.7	103	-0.02
3	Chlorodifluoromethane	10.000	9.480	5.2	93	-0.02
4	Chloromethane	10.000	9.872	1.3	94	-0.02
5 T	Vinyl Chloride	10.000	10.404	-4.0	94	-0.02
6 T	Bromomethane	10.000	10.307	-3.1	96	-0.02
7	Chloroethane	10.000	9.698	3.0	89	-0.02
8 T	Dichlorotetrafluoroethane	10.000	9.998	0.0	96	-0.02
9 T	Propene	10.000	9.713	2.9	96	-0.02
10 T	Heptane	10.000	10.688	-6.9	93	-0.02
11 T	Trichlorofluoromethane	10.000	9.975	0.3	93	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.786	2.1	91	-0.02
13	Ethanol	10.000	8.318	16.8	84	-0.01
14 T	Bromoethene	10.000	10.419	-4.2	92	-0.02
15 T	Acetone	10.000	9.785	2.1	96	-0.02
16 T	1,3-Butadiene	10.000	10.680	-6.8	95	-0.02
17	tert-Butyl alcohol	10.000	10.853	-8.5	92	-0.02
18 T	1,1-Dichloroethene	10.000	10.085	-0.9	92	-0.02
19 T	Isopropyl Alcohol	10.000	10.060	-0.6	93	-0.01
20 T	Methylene Chloride	10.000	8.916	10.8	88	-0.02
21 T	Allyl Chloride	10.000	10.034	-0.3	89	-0.02
22 T	trans-1,2-Dichloroethene	10.000	10.055	-0.5	89	-0.02
23 T	Vinyl Acetate	10.000	10.833	-8.3	95	-0.02
24 T	1,1-Dichloroethane	10.000	9.923	0.8	92	-0.02
25 T	Ethyl Acetate	10.000	10.065	-0.6	97	-0.02
26 T	Hexane	10.000	10.014	-0.1	95	-0.02
27 T	Carbon Disulfide	10.000	11.055	-10.5	92	-0.02
28 T	Methyl tert-Butyl Ether	10.000	9.673	3.3	89	-0.02
29 T	Chloroform	10.000	10.316	-3.2	107	-0.02
30 T	Cyclohexane	10.000	10.788	-7.9	91	-0.02
31 T	cis-1,2-Dichloroethene	10.000	10.722	-7.2	98	-0.02
32 T	1,1,1-Trichloroethane	10.000	10.694	-6.9	93	-0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	83	-0.02
34 T	2-Butanone	10.000	10.537	-5.4	91	-0.02
35 T	Carbon Tetrachloride	10.000	11.438	-14.4	92	-0.02
36 T	Benzene	10.000	10.721	-7.2	92	-0.02
37 T	1,2-Dichloroethane	10.000	10.810	-8.1	94	-0.02
38 T	Trichloroethene	10.000	12.200	-22.0	92	-0.02
39 T	1,2-Dichloropropane	10.000	10.568	-5.7	91	-0.02
40 T	1,4-Dioxane	10.000	10.240	-2.4	83	-0.02
41 T	Tetrahydrofuran	10.000	10.801	-8.0	91	-0.02
42 T	Bromodichloromethane	10.000	11.320	-13.2	94	-0.02
43	Methyl Methacrylate	10.000	11.773	-17.7	92	-0.02
44 T	2,2,4-Trimethylpentane	10.000	10.872	-8.7	93	-0.02
45 T	t-1,3-Dichloropropene	10.000	13.163	-31.6#	93	-0.02
46 T	cis-1,3-Dichloropropene	10.000	12.447	-24.5	93	-0.02
47 T	1,1,2-Trichloroethane	10.000	10.972	-9.7	93	-0.02
48 T	Dibromochloromethane	10.000	11.781	-17.8	93	-0.02

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

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

49 T	Bromoform	10.000	12.294	-22.9	94	-0.02
50 T	4-Methyl-2-Pentanone	10.000	11.472	-14.7	94	-0.02
51 T	2-Hexanone	10.000	11.569	-15.7	92	-0.02
52 T	Tetrachloroethene	10.000	12.070	-20.7	92	-0.02
53 T	Toluene	10.000	11.900	-19.0	93	-0.02
54 T	1,2-Dibromoethane	10.000	11.906	-19.1	93	-0.02

55 I	Chlorobenzene-d5	10.000	10.000	0.0	86	-0.03
56	1,1,1,2-Tetrachloroethane	10.000	9.950	0.5	94	-0.03
57 T	Chlorobenzene	10.000	9.840	1.6	94	-0.03
58 T	Ethyl Benzene	10.000	10.888	-8.9	94	-0.03
59 T	m/p-Xylene	20.000	21.022	-5.1	95	-0.03
60 T	o-Xylene	10.000	10.565	-5.6	95	-0.03
61 T	Styrene	10.000	11.733	-17.3	94	-0.03
62	Isopropylbenzene	10.000	10.388	-3.9	95	-0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	9.364	6.4	95	-0.02
64	n-propylbenzene	10.000	10.578	-5.8	95	-0.03
65	tert-Butylbenzene	10.000	10.397	-4.0	96	-0.02
66 T	Benzyl Chloride	10.000	11.107	-11.1	98	-0.03
67	sec-Butylbenzene	10.000	10.384	-3.8	97	-0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	9.647	3.5	85	-0.03
69	p-Isopropyltoluene	10.000	10.496	-5.0	95	-0.03
70	n-Butylbenzene	10.000	10.462	-4.6	96	-0.03
71	2-Chlorotoluene	10.000	10.463	-4.6	95	-0.03
72 T	4-Ethyltoluene	10.000	10.908	-9.1	96	-0.03
73 T	1,3,5-Trimethylbenzene	10.000	10.626	-6.3	95	-0.02
74 T	1,2,4-Trimethylbenzene	10.000	10.236	-2.4	96	-0.03
75 T	1,3-Dichlorobenzene	10.000	10.103	-1.0	95	-0.03
76 T	1,4-Dichlorobenzene	10.000	10.379	-3.8	96	-0.03
77 T	1,2-Dichlorobenzene	10.000	9.880	1.2	95	-0.03
78 T	Hexachloro-1,3-Butadiene	10.000	9.700	3.0	96	-0.03
79 T	Naphthalene	10.000	13.553	-35.5#	97	-0.02
80 T	Naphthalene,2-methyl-	10.000	13.686	-36.9#	87	-0.03
81 T	1,2,4-Trichlorobenzene	10.000	11.438	-14.4	96	-0.03

(#) = Out of Range

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