

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040126.D
 Acq On : 20 Jan 2023 8:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 20 09:36:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 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	9.420	5.8	92	0.00
3	Chlorodifluoromethane	10.000	9.237	7.6	86	0.01
4	Chloromethane	10.000	8.758	12.4	79	0.01
5 T	Vinyl Chloride	10.000	9.510	4.9	84	0.01
6 T	Bromomethane	10.000	9.984	0.2	91	0.02
7	Chloroethane	10.000	9.202	8.0	86	0.01
8 T	Dichlorotetrafluoroethane	10.000	8.547	14.5	78	0.02
9 T	Propene	10.000	10.075	-0.7	93	0.01
10 T	Heptane	10.000	10.696	-7.0	89	0.02
11 T	Trichlorofluoromethane	10.000	7.825	21.7	70	0.01
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.028	19.7	72	0.02
13	Ethanol	10.000	5.817	41.8#	65	0.00
14 T	Bromoethene	10.000	8.484	15.2	74	0.02
15 T	Acetone	10.000	8.667	13.3	82	0.01
16 T	1,3-Butadiene	10.000	9.890	1.1	88	0.01
17	tert-Butyl alcohol	10.000	10.979	-9.8	92	0.02
18 T	1,1-Dichloroethene	10.000	8.291	17.1	74	0.02
19 T	Isopropyl Alcohol	10.000	8.882	11.2	80	0.01
20 T	Methylene Chloride	10.000	7.893	21.1	77	0.02
21 T	Allyl Chloride	10.000	9.599	4.0	83	0.02
22 T	trans-1,2-Dichloroethene	10.000	8.393	16.1	74	0.02
23 T	Vinyl Acetate	10.000	3.949	60.5#	34	0.02
24 T	1,1-Dichloroethane	10.000	8.912	10.9	78	0.02
25 T	Ethyl Acetate	10.000	11.714	-17.1	103	0.01
26 T	Hexane	10.000	10.510	-5.1	96	0.02
27 T	Carbon Disulfide	10.000	9.689	3.1	74	0.02
28 T	Methyl tert-Butyl Ether	10.000	9.599	4.0	84	0.02
29 T	Chloroform	10.000	9.637	3.6	88	0.02
30 T	Cyclohexane	10.000	11.377	-13.8	96	0.02
31 T	cis-1,2-Dichloroethene	10.000	9.062	9.4	80	0.02
32 T	1,1,1-Trichloroethane	10.000	9.355	6.4	77	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	90	0.02
34 T	2-Butanone	10.000	9.191	8.1	82	0.02
35 T	Carbon Tetrachloride	10.000	9.255	7.4	74	0.02
36 T	Benzene	10.000	10.264	-2.6	93	0.02
37 T	1,2-Dichloroethane	10.000	8.533	14.7	78	0.02
38 T	Trichloroethene	10.000	8.163	18.4	70	0.02
39 T	1,2-Dichloropropane	10.000	10.021	-0.2	91	0.02
40 T	1,4-Dioxane	10.000	9.751	2.5	86	0.02
41 T	Tetrahydrofuran	10.000	11.115	-11.2	99	0.02
42 T	Bromodichloromethane	10.000	9.099	9.0	76	0.02
43	Methyl Methacrylate	10.000	11.633	-16.3	94	0.02
44 T	2,2,4-Trimethylpentane	10.000	10.195	-2.0	91	0.02
45 T	t-1,3-Dichloropropene	10.000	10.914	-9.1	81	0.02
46 T	cis-1,3-Dichloropropene	10.000	11.231	-12.3	85	0.02
47 T	1,1,2-Trichloroethane	10.000	10.050	-0.5	88	0.02
48 T	Dibromochloromethane	10.000	9.968	0.3	79	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	10.806	-8.1	81	0.02
50 T	4-Methyl-2-Pentanone	10.000	10.143	-1.4	86	0.02
51 T	2-Hexanone	10.000	10.416	-4.2	84	0.02
52 T	Tetrachloroethene	10.000	10.451	-4.5	89	0.02
53 T	Toluene	10.000	10.843	-8.4	90	0.02
54 T	1,2-Dibromoethane	10.000	11.908	-19.1	95	0.02
55 I	Chlorobenzene-d5	10.000	10.000	0.0	93	0.02
56	1,1,1,2-Tetrachloroethane	10.000	9.386	6.1	83	0.02
57 T	Chlorobenzene	10.000	9.109	8.9	85	0.02
58 T	Ethyl Benzene	10.000	10.000	0.0	86	0.02
59 T	m/p-Xylene	20.000	18.391	8.0	81	0.02
60 T	o-Xylene	10.000	9.232	7.7	80	0.02
61 T	Styrene	10.000	10.813	-8.1	86	0.02
62	Isopropylbenzene	10.000	9.873	1.3	89	0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	14.156	-41.6#	132	0.02
64	n-propylbenzene	10.000	10.195	-2.0	89	0.02
65	tert-Butylbenzene	10.000	9.984	0.2	88	0.02
66 T	Benzyl Chloride	10.000	7.856	21.4	59	0.02
67	sec-Butylbenzene	10.000	9.893	1.1	87	0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	8.815	11.9	80	0.02
69	p-Isopropyltoluene	10.000	10.205	-2.1	87	0.02
70	n-Butylbenzene	10.000	9.625	3.8	83	0.02
71	2-Chlorotoluene	10.000	9.586	4.1	85	0.02
72 T	4-Ethyltoluene	10.000	9.665	3.4	82	0.01
73 T	1,3,5-Trimethylbenzene	10.000	9.611	3.9	83	0.02
74 T	1,2,4-Trimethylbenzene	10.000	9.138	8.6	80	0.02
75 T	1,3-Dichlorobenzene	10.000	9.184	8.2	81	0.02
76 T	1,4-Dichlorobenzene	10.000	9.099	9.0	81	0.02
77 T	1,2-Dichlorobenzene	10.000	9.377	6.2	84	0.02
78 T	Hexachloro-1,3-Butadiene	10.000	8.796	12.0	89	0.02
79 T	Naphthalene	10.000	12.745	-27.4	94	0.02
80 T	Naphthalene,2-methyl-	10.000	10.410	-4.1	86	0.01
81 T	1,2,4-Trichlorobenzene	10.000	10.286	-2.9	90	0.03

(#) = Out of Range

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