

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040911.D
 Acq On : 27 Nov 2023 17:18
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 28 04:39:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 28 04:31:59 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	89	0.00
2 T	Dichlorodifluoromethane	10.000	9.892	1.1	101	0.00
3	Chlorodifluoromethane	10.000	9.814	1.9	99	0.00
4	Chloromethane	10.000	10.278	-2.8	102	0.00
5 T	Vinyl Chloride	10.000	10.605	-6.1	102	0.00
6 T	Bromomethane	10.000	10.250	-2.5	101	0.00
7	Chloroethane	10.000	10.795	-7.9	104	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.053	-0.5	101	0.00
9 T	Propene	10.000	10.359	-3.6	103	0.00
10 T	Heptane	10.000	10.358	-3.6	101	0.00
11 T	Trichlorofluoromethane	10.000	9.787	2.1	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.897	1.0	98	0.00
13	Ethanol	10.000	10.285	-2.9	111	0.00
14 T	Bromoethene	10.000	10.310	-3.1	98	0.00
15 T	Acetone	10.000	10.173	-1.7	105	0.00
16 T	1,3-Butadiene	10.000	11.179	-11.8	105	0.00
17	tert-Butyl alcohol	10.000	10.603	-6.0	109	0.00
18 T	1,1-Dichloroethene	10.000	9.433	5.7	95	0.00
19 T	Isopropyl Alcohol	10.000	11.452	-14.5	114	0.00
20 T	Methylene Chloride	10.000	9.467	5.3	106	0.00
21 T	Allyl Chloride	10.000	10.400	-4.0	99	0.00
22 T	trans-1,2-Dichloroethene	10.000	11.886	-18.9	117	0.00
23 T	Vinyl Acetate	10.000	11.668	-16.7	104	0.00
24 T	1,1-Dichloroethane	10.000	10.956	-9.6	103	0.00
25 T	Ethyl Acetate	10.000	10.672	-6.7	103	0.00
26 T	Hexane	10.000	10.614	-6.1	105	0.00
27 T	Carbon Disulfide	10.000	10.535	-5.4	100	0.00
28 T	Methyl tert-Butyl Ether	10.000	11.268	-12.7	104	0.00
29 T	Chloroform	10.000	10.007	-0.1	98	0.00
30 T	Cyclohexane	10.000	10.431	-4.3	102	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.995	-9.9	100	0.00
32 T	1,1,1-Trichloroethane	10.000	10.640	-6.4	99	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	91	0.00
34 T	2-Butanone	10.000	11.348	-13.5	102	0.00
35 T	Carbon Tetrachloride	10.000	11.018	-10.2	99	0.00
36 T	Benzene	10.000	10.274	-2.7	100	0.00
37 T	1,2-Dichloroethane	10.000	10.123	-1.2	96	0.00
38 T	Trichloroethene	10.000	10.353	-3.5	103	0.00
39 T	1,2-Dichloropropane	10.000	10.198	-2.0	100	0.00
40 T	1,4-Dioxane	10.000	10.950	-9.5	116	0.00
41 T	Tetrahydrofuran	10.000	11.074	-10.7	102	0.00
42 T	Bromodichloromethane	10.000	10.460	-4.6	98	0.00
43	Methyl Methacrylate	10.000	11.302	-13.0	102	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.302	-3.0	101	0.00
45 T	t-1,3-Dichloropropene	10.000	13.093	-30.9#	108	0.00
46 T	cis-1,3-Dichloropropene	10.000	12.476	-24.8	106	0.00
47 T	1,1,2-Trichloroethane	10.000	10.286	-2.9	100	0.00
48 T	Dibromochloromethane	10.000	11.045	-10.4	100	0.00

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

49 T	Bromoform	10.000	11.416	-14.2	100	0.00
50 T	4-Methyl-2-Pentanone	10.000	10.950	-9.5	100	0.00
51 T	2-Hexanone	10.000	11.398	-14.0	99	0.00
52 T	Tetrachloroethene	10.000	10.711	-7.1	102	0.00
53 T	Toluene	10.000	10.846	-8.5	102	0.00
54 T	1,2-Dibromoethane	10.000	10.990	-9.9	100	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	10.000	10.774	-7.7	102	0.00
57 T	Chlorobenzene	10.000	10.445	-4.5	102	0.00
58 T	Ethyl Benzene	10.000	10.381	-3.8	101	0.00
59 T	m/p-Xylene	20.000	20.407	-2.0	100	0.00
60 T	o-Xylene	10.000	10.215	-2.1	101	0.00
61 T	Styrene	10.000	11.164	-11.6	102	0.00
62	Isopropylbenzene	10.000	10.226	-2.3	101	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	10.231	-2.3	100	0.00
64	n-propylbenzene	10.000	10.646	-6.5	102	0.00
65	tert-Butylbenzene	10.000	10.542	-5.4	103	0.00
66 T	Benzyl Chloride	10.000	10.825	-8.2	96	0.00
67	sec-Butylbenzene	10.000	10.307	-3.1	102	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	8.864	11.4	79	0.00
69	p-Isopropyltoluene	10.000	10.500	-5.0	102	0.00
70	n-Butylbenzene	10.000	10.303	-3.0	101	0.00
71	2-Chlorotoluene	10.000	10.243	-2.4	100	0.00
72 T	4-Ethyltoluene	10.000	10.690	-6.9	100	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.458	-4.6	101	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.128	-1.3	101	0.00
75 T	1,3-Dichlorobenzene	10.000	10.476	-4.8	102	0.00
76 T	1,4-Dichlorobenzene	10.000	10.859	-8.6	103	0.00
77 T	1,2-Dichlorobenzene	10.000	10.397	-4.0	103	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.428	5.7	103	0.00
79 T	Naphthalene	10.000	12.946	-29.5	103	0.00
80 T	Naphthalene,2-methyl-	10.000	12.162	-21.6	97	0.00
81 T	1,2,4-Trichlorobenzene	10.000	10.726	-7.3	98	0.00

(#) = Out of Range

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