

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040902.D
 Acq On : 27 Nov 2023 9:32
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 28 04:32:30 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	80	0.00
2 T	Dichlorodifluoromethane	10.000	9.657	3.4	88	0.00
3	Chlorodifluoromethane	10.000	9.616	3.8	87	0.00
4	Chloromethane	10.000	9.673	3.3	86	0.00
5 T	Vinyl Chloride	10.000	10.165	-1.6	87	0.00
6 T	Bromomethane	10.000	10.144	-1.4	89	0.00
7	Chloroethane	10.000	10.254	-2.5	88	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.681	3.2	87	0.00
9 T	Propene	10.000	9.511	4.9	84	0.00
10 T	Heptane	10.000	9.786	2.1	85	0.00
11 T	Trichlorofluoromethane	10.000	10.101	-1.0	90	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.918	0.8	87	0.00
13	Ethanol	10.000	10.691	-6.9	103	0.00
14 T	Bromoethene	10.000	10.240	-2.4	87	0.00
15 T	Acetone	10.000	9.938	0.6	92	0.00
16 T	1,3-Butadiene	10.000	10.733	-7.3	90	0.00
17	tert-Butyl alcohol	10.000	10.526	-5.3	96	0.00
18 T	1,1-Dichloroethene	10.000	9.743	2.6	87	0.00
19 T	Isopropyl Alcohol	10.000	11.199	-12.0	99	0.00
20 T	Methylene Chloride	10.000	9.013	9.9	90	0.00
21 T	Allyl Chloride	10.000	9.808	1.9	83	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.811	-8.1	95	0.00
23 T	Vinyl Acetate	10.000	10.865	-8.7	86	0.00
24 T	1,1-Dichloroethane	10.000	10.247	-2.5	86	0.00
25 T	Ethyl Acetate	10.000	10.118	-1.2	87	0.00
26 T	Hexane	10.000	9.790	2.1	86	0.00
27 T	Carbon Disulfide	10.000	10.032	-0.3	85	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.289	-2.9	85	0.00
29 T	Chloroform	10.000	9.691	3.1	85	0.00
30 T	Cyclohexane	10.000	9.383	6.2	82	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.231	-2.3	83	0.00
32 T	1,1,1-Trichloroethane	10.000	10.357	-3.6	86	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	75	0.00
34 T	2-Butanone	10.000	11.675	-16.8	87	0.00
35 T	Carbon Tetrachloride	10.000	11.535	-15.4	85	0.00
36 T	Benzene	10.000	10.397	-4.0	84	0.00
37 T	1,2-Dichloroethane	10.000	11.098	-11.0	87	0.00
38 T	Trichloroethene	10.000	9.977	0.2	82	0.00
39 T	1,2-Dichloropropane	10.000	10.322	-3.2	84	0.00
40 T	1,4-Dioxane	10.000	10.472	-4.7	92	0.00
41 T	Tetrahydrofuran	10.000	11.232	-12.3	85	0.00
42 T	Bromodichloromethane	10.000	11.005	-10.1	85	0.00
43	Methyl Methacrylate	10.000	11.363	-13.6	85	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.526	-5.3	85	0.00
45 T	t-1,3-Dichloropropene	10.000	12.999	-30.0	89	0.00
46 T	cis-1,3-Dichloropropene	10.000	12.408	-24.1	87	0.00
47 T	1,1,2-Trichloroethane	10.000	10.226	-2.3	82	0.00
48 T	Dibromochloromethane	10.000	10.980	-9.8	82	0.00

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

49 T	Bromoform	10.000	11.649	-16.5	84	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.418	-14.2	86	0.00
51 T	2-Hexanone	10.000	11.630	-16.3	83	0.00
52 T	Tetrachloroethene	10.000	10.275	-2.8	81	0.00
53 T	Toluene	10.000	10.594	-5.9	82	0.00
54 T	1,2-Dibromoethane	10.000	10.969	-9.7	82	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	73	0.00
56	1,1,1,2-Tetrachloroethane	10.000	10.747	-7.5	84	0.00
57 T	Chlorobenzene	10.000	10.065	-0.6	82	0.00
58 T	Ethyl Benzene	10.000	10.284	-2.8	83	0.00
59 T	m/p-Xylene	20.000	20.726	-3.6	85	0.00
60 T	o-Xylene	10.000	10.248	-2.5	84	0.00
61 T	Styrene	10.000	10.695	-7.0	81	0.00
62	Isopropylbenzene	10.000	10.006	-0.1	82	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	10.546	-5.5	85	0.00
64	n-propylbenzene	10.000	10.181	-1.8	81	0.00
65	tert-Butylbenzene	10.000	10.195	-2.0	83	0.00
66 T	Benzyl Chloride	10.000	10.773	-7.7	80	0.00
67	sec-Butylbenzene	10.000	10.194	-1.9	84	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.242	-2.4	76	0.00
69	p-Isopropyltoluene	10.000	10.164	-1.6	82	0.00
70	n-Butylbenzene	10.000	10.327	-3.3	84	0.00
71	2-Chlorotoluene	10.000	10.311	-3.1	84	0.00
72 T	4-Ethyltoluene	10.000	10.556	-5.6	82	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.347	-3.5	83	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.113	-1.1	84	0.00
75 T	1,3-Dichlorobenzene	10.000	10.188	-1.9	83	0.00
76 T	1,4-Dichlorobenzene	10.000	10.410	-4.1	82	0.00
77 T	1,2-Dichlorobenzene	10.000	9.969	0.3	82	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	8.868	11.3	80	0.00
79 T	Naphthalene	10.000	11.986	-19.9	79	0.00
80 T	Naphthalene,2-methyl-	10.000	10.536	-5.4	70	0.00
81 T	1,2,4-Trichlorobenzene	10.000	10.279	-2.8	78	0.00

(#) = Out of Range

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