

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040352.D
 Acq On : 13 Apr 2023 1:21
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 13 08:16:55 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	93	0.00
2 T	Dichlorodifluoromethane	10.000	6.984	30.2#	98	0.00
3	Chlorodifluoromethane	10.000	9.388	6.1	98	0.00
4	Chloromethane	10.000	9.732	2.7	99	0.00
5 T	Vinyl Chloride	10.000	10.411	-4.1	101	0.00
6 T	Bromomethane	10.000	9.774	2.3	97	0.00
7	Chloroethane	10.000	10.116	-1.2	99	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.506	4.9	97	0.00
9 T	Propene	10.000	9.837	1.6	103	0.00
10 T	Heptane	10.000	10.194	-1.9	94	0.00
11 T	Trichlorofluoromethane	10.000	9.268	7.3	92	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.606	13.9	85	0.00
13	Ethanol	10.000	8.208	17.9	89	0.00
14 T	Bromoethene	10.000	10.205	-2.1	96	0.00
15 T	Acetone	10.000	8.970	10.3	93	0.00
16 T	1,3-Butadiene	10.000	10.291	-2.9	98	0.00
17	tert-Butyl alcohol	10.000	10.166	-1.7	92	0.00
18 T	1,1-Dichloroethene	10.000	9.295	7.1	90	0.00
19 T	Isopropyl Alcohol	10.000	9.377	6.2	92	0.00
20 T	Methylene Chloride	10.000	8.507	14.9	89	0.00
21 T	Allyl Chloride	10.000	9.694	3.1	91	0.00
22 T	trans-1,2-Dichloroethene	10.000	8.891	11.1	84	0.00
23 T	Vinyl Acetate	10.000	9.862	1.4	93	0.00
24 T	1,1-Dichloroethane	10.000	9.128	8.7	90	0.00
25 T	Ethyl Acetate	10.000	9.719	2.8	99	0.00
26 T	Hexane	10.000	10.147	-1.5	103	0.00
27 T	Carbon Disulfide	10.000	9.947	0.5	88	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.242	7.6	91	0.00
29 T	Chloroform	10.000	9.868	1.3	109	0.00
30 T	Cyclohexane	10.000	10.885	-8.8	98	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.787	-7.9	105	0.00
32 T	1,1,1-Trichloroethane	10.000	10.426	-4.3	97	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	89	0.00
34 T	2-Butanone	10.000	10.342	-3.4	96	0.00
35 T	Carbon Tetrachloride	10.000	10.656	-6.6	92	0.00
36 T	Benzene	10.000	10.330	-3.3	95	0.00
37 T	1,2-Dichloroethane	10.000	10.140	-1.4	95	0.00
38 T	Trichloroethene	10.000	11.285	-12.9	92	0.00
39 T	1,2-Dichloropropane	10.000	10.143	-1.4	95	0.00
40 T	1,4-Dioxane	10.000	7.989	20.1	70	0.00
41 T	Tetrahydrofuran	10.000	10.417	-4.2	95	0.00
42 T	Bromodichloromethane	10.000	10.398	-4.0	93	0.00
43	Methyl Methacrylate	10.000	10.989	-9.9	93	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.323	-3.2	95	0.00
45 T	t-1,3-Dichloropropene	10.000	12.039	-20.4	91	0.00
46 T	cis-1,3-Dichloropropene	10.000	11.644	-16.4	94	0.00
47 T	1,1,2-Trichloroethane	10.000	10.131	-1.3	93	0.00
48 T	Dibromochloromethane	10.000	10.266	-2.7	88	0.00

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

49 T	Bromoform	10.000	10.157	-1.6	83	0.00
50 T	4-Methyl-2-Pentanone	10.000	10.206	-2.1	90	0.00
51 T	2-Hexanone	10.000	9.632	3.7	83	0.00
52 T	Tetrachloroethene	10.000	11.040	-10.4	90	0.00
53 T	Toluene	10.000	11.035	-10.4	93	0.00
54 T	1,2-Dibromoethane	10.000	10.651	-6.5	89	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	86	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.270	7.3	88	0.00
57 T	Chlorobenzene	10.000	9.193	8.1	88	0.00
58 T	Ethyl Benzene	10.000	10.408	-4.1	91	0.00
59 T	m/p-Xylene	20.000	19.558	2.2	89	0.00
60 T	o-Xylene	10.000	9.829	1.7	88	0.00
61 T	Styrene	10.000	10.882	-8.8	88	0.00
62	Isopropylbenzene	10.000	9.682	3.2	89	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.701	13.0	88	0.00
64	n-propylbenzene	10.000	9.979	0.2	90	0.00
65	tert-Butylbenzene	10.000	9.845	1.5	91	0.00
66 T	Benzyl Chloride	10.000	10.050	-0.5	89	0.00
67	sec-Butylbenzene	10.000	10.028	-0.3	94	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.683	3.2	86	0.00
69	p-Isopropyltoluene	10.000	10.494	-4.9	95	0.00
70	n-Butylbenzene	10.000	10.667	-6.7	98	0.00
71	2-Chlorotoluene	10.000	9.736	2.6	89	0.00
72 T	4-Ethyltoluene	10.000	10.371	-3.7	91	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.184	-1.8	92	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.010	-0.1	94	0.00
75 T	1,3-Dichlorobenzene	10.000	10.178	-1.8	97	0.00
76 T	1,4-Dichlorobenzene	10.000	10.556	-5.6	98	0.00
77 T	1,2-Dichlorobenzene	10.000	10.490	-4.9	102	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	10.031	-0.3	99	0.00
79 T	Naphthalene	10.000	13.146	-31.5#	95	0.00
80 T	Naphthalene,2-methyl-	10.000	7.559	24.4	48	0.00
81 T	1,2,4-Trichlorobenzene	10.000	11.457	-14.6	96	0.00

(#) = Out of Range

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