

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122023\
 Data File : VL040921.D
 Acq On : 20 Dec 2023 16:35
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL122023

Quant Time: Dec 21 07:35:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 21 07:32:42 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	99	0.00
2 T	Dichlorodifluoromethane	10.000	9.061	9.4	99	0.02
3	Chlorodifluoromethane	10.000	8.988	10.1	99	0.02
4	Chloromethane	10.000	9.048	9.5	100	0.02
5 T	Vinyl Chloride	10.000	9.832	1.7	103	0.02
6 T	Bromomethane	10.000	9.604	4.0	100	0.02
7	Chloroethane	10.000	9.790	2.1	105	0.02
8 T	Dichlorotetrafluoroethane	10.000	9.305	7.0	101	0.02
9 T	Propene	10.000	9.520	4.8	99	0.02
10 T	Heptane	10.000	9.544	4.6	100	0.00
11 T	Trichlorofluoromethane	10.000	9.233	7.7	99	0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.612	13.9	99	0.02
13	Ethanol	10.000	8.504	15.0	102	0.02
14 T	Bromoethene	10.000	9.662	3.4	102	0.02
15 T	Acetone	10.000	8.023	19.8	100	0.02
16 T	1,3-Butadiene	10.000	9.991	0.1	104	0.02
17	tert-Butyl alcohol	10.000	9.294	7.1	97	0.02
18 T	1,1-Dichloroethene	10.000	9.381	6.2	103	0.02
19 T	Isopropyl Alcohol	10.000	9.002	10.0	98	0.01
20 T	Methylene Chloride	10.000	8.253	17.5	96	0.02
21 T	Allyl Chloride	10.000	9.267	7.3	98	0.01
22 T	trans-1,2-Dichloroethene	10.000	8.724	12.8	85	0.01
23 T	Vinyl Acetate	10.000	10.637	-6.4	99	0.02
24 T	1,1-Dichloroethane	10.000	9.392	6.1	97	0.02
25 T	Ethyl Acetate	10.000	9.661	3.4	100	0.01
26 T	Hexane	10.000	9.463	5.4	100	0.00
27 T	Carbon Disulfide	10.000	9.196	8.0	103	0.02
28 T	Methyl tert-Butyl Ether	10.000	9.853	1.5	99	0.02
29 T	Chloroform	10.000	9.358	6.4	100	0.01
30 T	Cyclohexane	10.000	9.704	3.0	100	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.701	3.0	99	0.00
32 T	1,1,1-Trichloroethane	10.000	9.618	3.8	100	0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	100	0.00
34 T	2-Butanone	10.000	9.679	3.2	100	0.01
35 T	Carbon Tetrachloride	10.000	9.799	2.0	100	0.01
36 T	Benzene	10.000	9.450	5.5	100	0.00
37 T	1,2-Dichloroethane	10.000	9.561	4.4	100	0.01
38 T	Trichloroethene	10.000	9.894	1.1	104	0.00
39 T	1,2-Dichloropropane	10.000	9.425	5.7	100	0.00
40 T	1,4-Dioxane	10.000	8.862	11.4	99	0.00
41 T	Tetrahydrofuran	10.000	9.735	2.7	101	0.01
42 T	Bromodichloromethane	10.000	9.635	3.7	101	0.00
43	Methyl Methacrylate	10.000	10.068	-0.7	99	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.183	8.2	100	0.00
45 T	t-1,3-Dichloropropene	10.000	11.265	-12.7	101	0.00
46 T	cis-1,3-Dichloropropene	10.000	10.606	-6.1	102	0.00
47 T	1,1,2-Trichloroethane	10.000	9.528	4.7	102	0.00
48 T	Dibromochloromethane	10.000	10.043	-0.4	102	0.00

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

49 T	Bromoform	10.000	10.353	-3.5	101	0.00
50 T	4-Methyl-2-Pentanone	10.000	9.663	3.4	100	0.00
51 T	2-Hexanone	10.000	9.960	0.4	98	0.00
52 T	Tetrachloroethene	10.000	9.570	4.3	99	0.00
53 T	Toluene	10.000	9.724	2.8	100	0.00
54 T	1,2-Dibromoethane	10.000	10.060	-0.6	100	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	101	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.097	9.0	101	0.00
57 T	Chlorobenzene	10.000	8.904	11.0	101	0.00
58 T	Ethyl Benzene	10.000	8.929	10.7	99	0.00
59 T	m/p-Xylene	20.000	17.779	11.1	100	0.00
60 T	o-Xylene	10.000	8.954	10.5	100	0.00
61 T	Styrene	10.000	9.991	0.1	100	0.00
62	Isopropylbenzene	10.000	8.820	11.8	100	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	9.134	8.7	101	0.00
64	n-propylbenzene	10.000	9.212	7.9	100	0.00
65	tert-Butylbenzene	10.000	9.083	9.2	100	0.00
66 T	Benzyl Chloride	10.000	11.749	-17.5	104	0.00
67	sec-Butylbenzene	10.000	8.787	12.1	100	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.528	4.7	98	0.00
69	p-Isopropyltoluene	10.000	9.200	8.0	100	0.00
70	n-Butylbenzene	10.000	9.347	6.5	101	0.00
71	2-Chlorotoluene	10.000	8.990	10.1	100	0.00
72 T	4-Ethyltoluene	10.000	9.403	6.0	99	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.468	5.3	100	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.270	7.3	100	0.00
75 T	1,3-Dichlorobenzene	10.000	9.397	6.0	101	0.00
76 T	1,4-Dichlorobenzene	10.000	9.400	6.0	102	0.00
77 T	1,2-Dichlorobenzene	10.000	9.271	7.3	100	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	8.197	18.0	101	0.00
79 T	Naphthalene	10.000	12.909	-29.1	108	0.00
80 T	Naphthalene,2-methyl-	10.000	15.079	-50.8#	145	0.00
81 T	1,2,4-Trichlorobenzene	10.000	11.315	-13.1	105	0.00

(#) = Out of Range

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