

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080423\
 Data File : VL040584.D
 Acq On : 4 Aug 2023 8:30
 Operator : SY/MD
 Sample : VSTDC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDC010

Quant Time: Aug 05 01:06:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 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	110	-0.02
2 T	Dichlorodifluoromethane	10.000	9.384	6.2	114	-0.02
3	Chlorodifluoromethane	10.000	9.021	9.8	108	-0.02
4	Chloromethane	10.000	8.844	11.6	103	-0.02
5 T	Vinyl Chloride	10.000	9.518	4.8	114	-0.02
6 T	Bromomethane	10.000	9.354	6.5	113	-0.02
7	Chloroethane	10.000	9.450	5.5	112	-0.02
8 T	Dichlorotetrafluoroethane	10.000	9.480	5.2	113	-0.02
9 T	Propene	10.000	8.189	18.1	96	-0.02
10 T	Heptane	10.000	9.174	8.3	98	-0.02
11 T	Trichlorofluoromethane	10.000	10.318	-3.2	126	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.197	-2.0	123	-0.01
13	Ethanol	10.000	9.122	8.8	120	-0.01
14 T	Bromoethene	10.000	9.982	0.2	116	-0.02
15 T	Acetone	10.000	9.321	6.8	115	-0.02
16 T	1,3-Butadiene	10.000	9.731	2.7	109	-0.02
17	tert-Butyl alcohol	10.000	10.386	-3.9	117	-0.01
18 T	1,1-Dichloroethene	10.000	10.177	-1.8	120	-0.02
19 T	Isopropyl Alcohol	10.000	10.822	-8.2	120	-0.02
20 T	Methylene Chloride	10.000	9.667	3.3	128	-0.02
21 T	Allyl Chloride	10.000	9.605	3.9	110	-0.02
22 T	trans-1,2-Dichloroethene	10.000	10.153	-1.5	114	-0.02
23 T	Vinyl Acetate	10.000	9.792	2.1	105	-0.02
24 T	1,1-Dichloroethane	10.000	9.804	2.0	117	-0.02
25 T	Ethyl Acetate	10.000	9.234	7.7	104	-0.01
26 T	Hexane	10.000	8.880	11.2	101	-0.02
27 T	Carbon Disulfide	10.000	11.186	-11.9	118	-0.01
28 T	Methyl tert-Butyl Ether	10.000	9.469	5.3	108	-0.02
29 T	Chloroform	10.000	9.322	6.8	110	-0.02
30 T	Cyclohexane	10.000	8.807	11.9	98	-0.01
31 T	cis-1,2-Dichloroethene	10.000	9.170	8.3	100	-0.01
32 T	1,1,1-Trichloroethane	10.000	9.670	3.3	112	-0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	101	-0.02
34 T	2-Butanone	10.000	9.938	0.6	101	-0.01
35 T	Carbon Tetrachloride	10.000	11.088	-10.9	113	-0.02
36 T	Benzene	10.000	9.334	6.7	96	-0.02
37 T	1,2-Dichloroethane	10.000	10.400	-4.0	114	-0.01
38 T	Trichloroethene	10.000	10.072	-0.7	99	-0.02
39 T	1,2-Dichloropropane	10.000	9.604	4.0	99	-0.01
40 T	1,4-Dioxane	10.000	10.368	-3.7	107	-0.02
41 T	Tetrahydrofuran	10.000	9.615	3.8	95	-0.01
42 T	Bromodichloromethane	10.000	10.545	-5.4	109	-0.01
43	Methyl Methacrylate	10.000	10.240	-2.4	97	-0.01
44 T	2,2,4-Trimethylpentane	10.000	9.685	3.1	99	-0.01
45 T	t-1,3-Dichloropropene	10.000	10.775	-7.8	93	-0.01
46 T	cis-1,3-Dichloropropene	10.000	10.168	-1.7	92	-0.01
47 T	1,1,2-Trichloroethane	10.000	9.444	5.6	99	0.00
48 T	Dibromochloromethane	10.000	10.658	-6.6	103	-0.01

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

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

49 T	Bromoform	10.000	11.013	-10.1	101	-0.02
50 T	4-Methyl-2-Pentanone	10.000	10.266	-2.7	100	-0.01
51 T	2-Hexanone	10.000	10.360	-3.6	94	-0.01
52 T	Tetrachloroethene	10.000	9.907	0.9	92	-0.01
53 T	Toluene	10.000	9.926	0.7	95	0.00
54 T	1,2-Dibromoethane	10.000	9.941	0.6	94	-0.01
55 I	Chlorobenzene-d5	10.000	10.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.871	1.3	104	-0.01
57 T	Chlorobenzene	10.000	9.190	8.1	96	0.00
58 T	Ethyl Benzene	10.000	9.963	0.4	96	-0.01
59 T	m/p-Xylene	20.000	19.779	1.1	101	-0.01
60 T	o-Xylene	10.000	10.051	-0.5	102	-0.01
61 T	Styrene	10.000	10.647	-6.5	92	-0.02
62	Isopropylbenzene	10.000	9.676	3.2	99	-0.01
63 T	1,1,2,2-Tetrachloroethane	10.000	10.209	-2.1	105	-0.01
64	n-propylbenzene	10.000	9.696	3.0	96	-0.02
65	tert-Butylbenzene	10.000	9.653	3.5	99	0.00
66 T	Benzyl Chloride	10.000	11.634	-16.3	106	0.00
67	sec-Butylbenzene	10.000	9.490	5.1	99	-0.01
68 S	1-Bromo-4-Fluorobenzene	10.000	10.796	-8.0	111	0.00
69	p-Isopropyltoluene	10.000	9.314	6.9	95	0.00
70	n-Butylbenzene	10.000	9.365	6.3	97	0.00
71	2-Chlorotoluene	10.000	9.922	0.8	100	-0.01
72 T	4-Ethyltoluene	10.000	9.994	0.1	97	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.912	0.9	98	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.670	3.3	101	0.00
75 T	1,3-Dichlorobenzene	10.000	8.991	10.1	93	-0.01
76 T	1,4-Dichlorobenzene	10.000	8.985	10.2	92	-0.01
77 T	1,2-Dichlorobenzene	10.000	9.099	9.0	93	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	7.010	29.9	77	-0.02
79 T	Naphthalene	10.000	9.277	7.2	77	0.00
80 T	Naphthalene,2-methyl-	10.000	7.112	28.9	53	0.00
81 T	1,2,4-Trichlorobenzene	10.000	7.831	21.7	77	0.00

(#) = Out of Range

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