

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039934.D
 Acq On : 23 Nov 2022 9:08
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 23 09:48:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 22 03:45:31 2022
 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	64	0.01
2 T	Dichlorodifluoromethane	10.000	14.149	-41.5#	122	0.00
3	Chlorodifluoromethane	10.000	10.065	-0.6	68	0.00
4	Chloromethane	10.000	9.101	9.0	59	0.00
5 T	Vinyl Chloride	10.000	10.557	-5.6	62	0.01
6 T	Bromomethane	10.000	13.373	-33.7#	84	0.00
7	Chloroethane	10.000	9.995	0.1	65	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.716	-7.2	73	0.00
9 T	Propene	10.000	9.761	2.4	63	0.00
10 T	Heptane	10.000	10.021	-0.2	65	0.02
11 T	Trichlorofluoromethane	10.000	10.347	-3.5	69	0.01
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.308	-3.1	68	0.01
13	Ethanol	10.000	7.707	22.9	56	0.00
14 T	Bromoethene	10.000	10.555	-5.5	66	0.00
15 T	Acetone	10.000	10.045	-0.4	67	0.01
16 T	1,3-Butadiene	10.000	10.597	-6.0	64	0.00
17	tert-Butyl alcohol	10.000	10.363	-3.6	64	0.00
18 T	1,1-Dichloroethene	10.000	9.945	0.5	65	0.01
19 T	Isopropyl Alcohol	10.000	9.424	5.8	58	0.00
20 T	Methylene Chloride	10.000	8.399	16.0	69	0.00
21 T	Allyl Chloride	10.000	10.326	-3.3	64	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.445	-4.5	67	0.01
23 T	Vinyl Acetate	10.000	4.771	52.3#	30	0.01
24 T	1,1-Dichloroethane	10.000	10.130	-1.3	66	0.01
25 T	Ethyl Acetate	10.000	11.689	-16.9	75	0.01
26 T	Hexane	10.000	10.212	-2.1	67	0.01
27 T	Carbon Disulfide	10.000	11.296	-13.0	64	0.01
28 T	Methyl tert-Butyl Ether	10.000	9.802	2.0	64	0.01
29 T	Chloroform	10.000	10.852	-8.5	66	0.01
30 T	Cyclohexane	10.000	10.008	-0.1	66	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.548	-5.5	65	0.01
32 T	1,1,1-Trichloroethane	10.000	10.236	-2.4	66	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	67	0.02
34 T	2-Butanone	10.000	10.642	-6.4	67	0.01
35 T	Carbon Tetrachloride	10.000	10.885	-8.8	67	0.01
36 T	Benzene	10.000	9.989	0.1	66	0.02
37 T	1,2-Dichloroethane	10.000	9.890	1.1	66	0.01
38 T	Trichloroethene	10.000	8.172	18.3	55	0.01
39 T	1,2-Dichloropropane	10.000	9.733	2.7	64	0.02
40 T	1,4-Dioxane	10.000	9.543	4.6	64	0.01
41 T	Tetrahydrofuran	10.000	10.256	-2.6	64	0.01
42 T	Bromodichloromethane	10.000	10.682	-6.8	66	0.02
43	Methyl Methacrylate	10.000	10.829	-8.3	68	0.01
44 T	2,2,4-Trimethylpentane	10.000	9.874	1.3	67	0.01
45 T	t-1,3-Dichloropropene	10.000	10.049	-0.5	56	0.02
46 T	cis-1,3-Dichloropropene	10.000	10.002	-0.0	60	0.01
47 T	1,1,2-Trichloroethane	10.000	10.164	-1.6	68	0.02
48 T	Dibromochloromethane	10.000	11.447	-14.5	67	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	11.583	-15.8	63	0.01
50 T	4-Methyl-2-Pentanone	10.000	10.131	-1.3	65	0.02
51 T	2-Hexanone	10.000	10.273	-2.7	64	0.00
52 T	Tetrachloroethene	10.000	9.383	6.2	64	0.02
53 T	Toluene	10.000	10.039	-0.4	67	0.01
54 T	1,2-Dibromoethane	10.000	12.176	-21.8	76	0.01
55 I	Chlorobenzene-d5	10.000	10.000	0.0	65	0.01
56	1,1,1,2-Tetrachloroethane	10.000	11.309	-13.1	71	0.01
57 T	Chlorobenzene	10.000	10.229	-2.3	68	0.01
58 T	Ethyl Benzene	10.000	10.162	-1.6	67	0.00
59 T	m/p-Xylene	20.000	20.316	-1.6	68	0.01
60 T	o-Xylene	10.000	10.138	-1.4	67	0.00
61 T	Styrene	10.000	10.515	-5.2	65	0.00
62	Isopropylbenzene	10.000	10.822	-8.2	73	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	16.536	-65.4#	107	0.00
64	n-propylbenzene	10.000	10.890	-8.9	71	0.00
65	tert-Butylbenzene	10.000	10.728	-7.3	73	0.00
66 T	Benzyl Chloride	10.000	6.877	31.2#	34	0.00
67	sec-Butylbenzene	10.000	10.935	-9.4	74	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.197	-2.0	67	0.00
69	p-Isopropyltoluene	10.000	10.871	-8.7	73	0.00
70	n-Butylbenzene	10.000	11.056	-10.6	74	0.00
71	2-Chlorotoluene	10.000	10.653	-6.5	71	0.00
72 T	4-Ethyltoluene	10.000	10.582	-5.8	68	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.458	-4.6	69	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.445	-4.5	69	0.00
75 T	1,3-Dichlorobenzene	10.000	10.450	-4.5	67	0.00
76 T	1,4-Dichlorobenzene	10.000	10.240	-2.4	65	0.00
77 T	1,2-Dichlorobenzene	10.000	10.479	-4.8	68	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	10.590	-5.9	76	0.00
79 T	Naphthalene	10.000	13.313	-33.1#	79	0.00
80 T	Naphthalene,2-methyl-	10.000	13.152	-31.5#	84	0.00
81 T	1,2,4-Trichlorobenzene	10.000	11.312	-13.1	73	0.00

(#) = Out of Range

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