

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL040003.D
 Acq On : 13 Dec 2022 8:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 13 14:17:55 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 : Fri Dec 02 23:21:36 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	55	0.01
2 T	Dichlorodifluoromethane	10.000	9.074	9.3	68	0.01
3	Chlorodifluoromethane	10.000	10.003	-0.0	59	0.00
4	Chloromethane	10.000	8.894	11.1	50	0.01
5 T	Vinyl Chloride	10.000	10.614	-6.1	54	0.01
6 T	Bromomethane	10.000	13.309	-33.1#	73	0.00
7	Chloroethane	10.000	10.052	-0.5	56	0.01
8 T	Dichlorotetrafluoroethane	10.000	10.581	-5.8	63	0.00
9 T	Propene	10.000	9.271	7.3	52	0.01
10 T	Heptane	10.000	9.855	1.4	55	0.01
11 T	Trichlorofluoromethane	10.000	10.287	-2.9	59	0.01
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.583	-5.8	61	0.01
13	Ethanol	10.000	8.344	16.6	52	0.00
14 T	Bromoethene	10.000	10.252	-2.5	55	0.01
15 T	Acetone	10.000	9.974	0.3	58	0.01
16 T	1,3-Butadiene	10.000	10.258	-2.6	54	0.01
17	tert-Butyl alcohol	10.000	10.377	-3.8	56	0.00
18 T	1,1-Dichloroethene	10.000	10.109	-1.1	57	0.01
19 T	Isopropyl Alcohol	10.000	9.484	5.2	50	0.00
20 T	Methylene Chloride	10.000	8.174	18.3	58	0.02
21 T	Allyl Chloride	10.000	9.691	3.1	52	0.01
22 T	trans-1,2-Dichloroethene	10.000	10.112	-1.1	56	0.01
23 T	Vinyl Acetate	10.000	4.271	57.3#	23	0.00
24 T	1,1-Dichloroethane	10.000	10.312	-3.1	58	0.00
25 T	Ethyl Acetate	10.000	11.833	-18.3	66	0.00
26 T	Hexane	10.000	10.157	-1.6	58	0.01
27 T	Carbon Disulfide	10.000	10.106	-1.1	49	0.02
28 T	Methyl tert-Butyl Ether	10.000	9.945	0.5	56	0.01
29 T	Chloroform	10.000	10.826	-8.3	57	0.02
30 T	Cyclohexane	10.000	10.115	-1.2	58	0.01
31 T	cis-1,2-Dichloroethene	10.000	10.403	-4.0	55	0.02
32 T	1,1,1-Trichloroethane	10.000	10.190	-1.9	57	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	60	0.01
34 T	2-Butanone	10.000	10.149	-1.5	57	0.01
35 T	Carbon Tetrachloride	10.000	10.233	-2.3	56	0.02
36 T	Benzene	10.000	9.944	0.6	59	0.01
37 T	1,2-Dichloroethane	10.000	9.607	3.9	57	0.02
38 T	Trichloroethene	10.000	8.160	18.4	49	0.02
39 T	1,2-Dichloropropane	10.000	9.721	2.8	57	0.02
40 T	1,4-Dioxane	10.000	10.154	-1.5	61	0.01
41 T	Tetrahydrofuran	10.000	9.850	1.5	54	0.01
42 T	Bromodichloromethane	10.000	10.252	-2.5	56	0.02
43	Methyl Methacrylate	10.000	10.679	-6.8	59	0.01
44 T	2,2,4-Trimethylpentane	10.000	9.690	3.1	58	0.01
45 T	t-1,3-Dichloropropene	10.000	9.681	3.2	48	0.02
46 T	cis-1,3-Dichloropropene	10.000	9.720	2.8	52	0.01
47 T	1,1,2-Trichloroethane	10.000	10.133	-1.3	60	0.02
48 T	Dibromochloromethane	10.000	10.958	-9.6	57	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	11.299	-13.0	55	0.01
50 T	4-Methyl-2-Pentanone	10.000	9.931	0.7	56	0.01
51 T	2-Hexanone	10.000	10.013	-0.1	55	0.01
52 T	Tetrachloroethene	10.000	9.367	6.3	57	0.02
53 T	Toluene	10.000	9.984	0.2	59	0.02
54 T	1,2-Dibromoethane	10.000	12.151	-21.5	67	0.01
55 I	Chlorobenzene-d5	10.000	10.000	0.0	61	0.01
56	1,1,1,2-Tetrachloroethane	10.000	10.454	-4.5	62	0.01
57 T	Chlorobenzene	10.000	9.631	3.7	60	0.02
58 T	Ethyl Benzene	10.000	9.585	4.1	59	0.01
59 T	m/p-Xylene	20.000	19.042	4.8	60	0.01
60 T	o-Xylene	10.000	9.507	4.9	59	0.01
61 T	Styrene	10.000	9.818	1.8	57	0.02
62	Isopropylbenzene	10.000	10.151	-1.5	64	0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	15.632	-56.3#	95	0.02
64	n-propylbenzene	10.000	10.268	-2.7	63	0.02
65	tert-Butylbenzene	10.000	10.089	-0.9	64	0.02
66 T	Benzyl Chloride	10.000	6.809	31.9#	32	0.02
67	sec-Butylbenzene	10.000	10.335	-3.4	66	0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	9.781	2.2	60	0.02
69	p-Isopropyltoluene	10.000	10.334	-3.3	65	0.01
70	n-Butylbenzene	10.000	10.495	-4.9	66	0.01
71	2-Chlorotoluene	10.000	10.015	-0.2	63	0.01
72 T	4-Ethyltoluene	10.000	9.981	0.2	60	0.02
73 T	1,3,5-Trimethylbenzene	10.000	9.832	1.7	61	0.01
74 T	1,2,4-Trimethylbenzene	10.000	9.798	2.0	61	0.02
75 T	1,3-Dichlorobenzene	10.000	9.957	0.4	60	0.01
76 T	1,4-Dichlorobenzene	10.000	9.719	2.8	58	0.02
77 T	1,2-Dichlorobenzene	10.000	9.986	0.1	61	0.01
78 T	Hexachloro-1,3-Butadiene	10.000	9.880	1.2	66	0.02
79 T	Naphthalene	10.000	12.919	-29.2	72	0.02
80 T	Naphthalene,2-methyl-	10.000	12.862	-28.6	77	0.01
81 T	1,2,4-Trichlorobenzene	10.000	10.893	-8.9	66	0.02

(#) = Out of Range

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