

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL092120\
 Data File : VL035702.D
 Acq On : 22 Sep 2020 8:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 22 09:14:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 22 01:39:30 2020
 QLast Update : Tue Sep 22 01:39:30 2020
 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	97	-0.01
2 T	Dichlorodifluoromethane	10.000	7.392	26.1	83	0.00
3	Chlorodifluoromethane	10.000	10.579	-5.8	107	-0.01
4	Chloromethane	10.000	10.597	-6.0	105	-0.01
5 T	Vinyl Chloride	10.000	10.105	-1.1	106	0.00
6 T	Bromomethane	10.000	10.443	-4.4	103	-0.01
7	Chloroethane	10.000	10.855	-8.6	107	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.543	4.6	99	0.00
9 T	Propene	10.000	10.603	-6.0	107	0.00
10 T	Heptane	10.000	11.429	-14.3	111	-0.02
11 T	Trichlorofluoromethane	10.000	9.877	1.2	102	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.846	1.5	100	-0.01
13	Ethanol	10.000	9.453	5.5	100	-0.01
14 T	Bromoethene	10.000	10.199	-2.0	99	-0.01
15 T	Acetone	10.000	9.301	7.0	100	-0.01
16 T	1,3-Butadiene	10.000	11.348	-13.5	110	0.00
17	tert-Butyl alcohol	10.000	9.897	1.0	95	-0.02
18 T	1,1-Dichloroethene	10.000	10.443	-4.4	102	-0.01
19 T	Isopropyl Alcohol	10.000	9.772	2.3	92	-0.02
20 T	Methylene Chloride	10.000	9.193	8.1	110	0.00
21 T	Allyl Chloride	10.000	11.884	-18.8	108	-0.01
22 T	trans-1,2-Dichloroethene	10.000	10.243	-2.4	101	0.00
23 T	Vinyl Acetate	10.000	11.434	-14.3	107	-0.02
24 T	1,1-Dichloroethane	10.000	10.740	-7.4	108	-0.01
25 T	Ethyl Acetate	10.000	11.151	-11.5	114	-0.02
26 T	Hexane	10.000	10.978	-9.8	112	-0.01
27 T	Carbon Disulfide	10.000	12.251	-22.5	107	-0.01
28 T	Methyl tert-Butyl Ether	10.000	10.635	-6.3	101	-0.01
29 T	Chloroform	10.000	10.552	-5.5	106	-0.02
30 T	Cyclohexane	10.000	11.037	-10.4	103	-0.01
31 T	cis-1,2-Dichloroethene	10.000	11.398	-14.0	109	-0.01
32 T	1,1,1-Trichloroethane	10.000	10.578	-5.8	103	-0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	86	-0.01
34 T	2-Butanone	10.000	12.691	-26.9	110	-0.02
35 T	Carbon Tetrachloride	10.000	12.173	-21.7	100	-0.02
36 T	Benzene	10.000	11.820	-18.2	103	-0.02
37 T	1,2-Dichloroethane	10.000	12.248	-22.5	109	-0.01
38 T	Trichloroethene	10.000	11.208	-12.1	105	-0.02
39 T	1,2-Dichloropropane	10.000	12.074	-20.7	106	-0.02
40 T	1,4-Dioxane	10.000	11.398	-14.0	91	-0.02
41 T	Tetrahydrofuran	10.000	13.387	-33.9#	108	-0.01
42 T	Bromodichloromethane	10.000	12.784	-27.8	105	-0.01
43	Methyl Methacrylate	10.000	13.046	-30.5#	105	-0.01
44 T	2,2,4-Trimethylpentane	10.000	12.158	-21.6	108	-0.02
45 T	t-1,3-Dichloropropene	10.000	14.571	-45.7#	104	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	13.835	-38.4#	104	-0.02
47 T	1,1,2-Trichloroethane	10.000	11.667	-16.7	102	-0.01
48 T	Dibromochloromethane	10.000	12.375	-23.8	96	-0.02
49 T	Bromoform	10.000	12.251	-22.5	90	-0.02
50 T	4-Methyl-2-Pentanone	10.000	12.970	-29.7	109	-0.02
51 T	2-Hexanone	10.000	13.459	-34.6#	107	-0.01
52 T	Tetrachloroethene	10.000	16.223	-62.2#	147	-0.01
53 T	Toluene	10.000	11.853	-18.5	101	-0.01
54 T	1,2-Dibromoethane	10.000	11.609	-16.1	100	-0.02
55 I	Chlorobenzene-d5	10.000	10.000	0.0	82	-0.02
56	1,1,1,2-Tetrachloroethane	10.000	11.690	-16.9	96	-0.01
57 T	Chlorobenzene	10.000	10.803	-8.0	98	-0.02
58 T	Ethyl Benzene	10.000	11.896	-19.0	101	-0.01
59 T	m/p-Xylene	20.000	24.499	-22.5	107	-0.02
60 T	o-Xylene	10.000	11.904	-19.0	102	-0.01
61 T	Styrene	10.000	12.269	-22.7	97	-0.02
62	Isopropylbenzene	10.000	11.086	-10.9	99	-0.01
63 T	1,1,2,2-Tetrachloroethane	10.000	11.222	-12.2	106	-0.02
64	n-propylbenzene	10.000	11.244	-12.4	94	-0.01
65	tert-Butylbenzene	10.000	11.055	-10.5	96	-0.02
66 T	Benzyl Chloride	10.000	17.889	-78.9#	110	-0.02
67	sec-Butylbenzene	10.000	11.125	-11.3	100	-0.01
68 S	1-Bromo-4-Fluorobenzene	10.000	10.105	-1.1	85	-0.01
69	p-Isopropyltoluene	10.000	10.834	-8.3	96	0.00
70	n-Butylbenzene	10.000	11.395	-13.9	101	-0.01
71	2-Chlorotoluene	10.000	11.790	-17.9	101	-0.01
72 T	4-Ethyltoluene	10.000	11.591	-15.9	98	-0.01
73 T	1,3,5-Trimethylbenzene	10.000	11.639	-16.4	98	-0.01
74 T	1,2,4-Trimethylbenzene	10.000	11.099	-11.0	99	-0.01
75 T	1,3-Dichlorobenzene	10.000	10.017	-0.2	90	-0.01
76 T	1,4-Dichlorobenzene	10.000	10.189	-1.9	89	-0.02
77 T	1,2-Dichlorobenzene	10.000	10.143	-1.4	89	-0.01
78 T	Hexachloro-1,3-Butadiene	10.000	9.303	7.0	83	-0.01
79 T	Naphthalene	10.000	11.005	-10.1	88	-0.02
80 T	Naphthalene,2-methyl-	10.000	11.537	-15.4	78	0.00
81 T	1,2,4-Trichlorobenzene	10.000	9.438	5.6	79	-0.01

(#) = Out of Range

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