

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091020\
 Data File : VL035581.D
 Acq On : 10 Sep 2020 12:07
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 11 08:22:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 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	106	-0.02
2 T	Dichlorodifluoromethane	10.000	8.377	16.2	104	-0.02
3	Chlorodifluoromethane	10.000	9.502	5.0	106	-0.02
4	Chloromethane	10.000	9.390	6.1	102	-0.02
5 T	Vinyl Chloride	10.000	9.117	8.8	105	-0.02
6 T	Bromomethane	10.000	9.582	4.2	104	-0.02
7	Chloroethane	10.000	9.809	1.9	107	-0.02
8 T	Dichlorotetrafluoroethane	10.000	9.147	8.5	105	-0.02
9 T	Propene	10.000	9.347	6.5	104	-0.02
10 T	Heptane	10.000	9.677	3.2	103	-0.03
11 T	Trichlorofluoromethane	10.000	8.779	12.2	100	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.845	11.5	99	-0.02
13	Ethanol	10.000	8.503	15.0	99	-0.02
14 T	Bromoethene	10.000	9.867	1.3	105	-0.02
15 T	Acetone	10.000	8.132	18.7	96	-0.02
16 T	1,3-Butadiene	10.000	9.579	4.2	102	-0.02
17	tert-Butyl alcohol	10.000	10.108	-1.1	106	-0.02
18 T	1,1-Dichloroethene	10.000	9.596	4.0	103	-0.02
19 T	Isopropyl Alcohol	10.000	9.690	3.1	100	-0.02
20 T	Methylene Chloride	10.000	8.720	12.8	115	-0.02
21 T	Allyl Chloride	10.000	10.551	-5.5	105	-0.02
22 T	trans-1,2-Dichloroethene	10.000	9.219	7.8	100	-0.02
23 T	Vinyl Acetate	10.000	9.968	0.3	103	-0.02
24 T	1,1-Dichloroethane	10.000	9.505	4.9	105	-0.02
25 T	Ethyl Acetate	10.000	9.465	5.4	106	-0.02
26 T	Hexane	10.000	9.643	3.6	108	-0.02
27 T	Carbon Disulfide	10.000	10.973	-9.7	106	-0.02
28 T	Methyl tert-Butyl Ether	10.000	10.119	-1.2	106	-0.02
29 T	Chloroform	10.000	9.566	4.3	106	-0.02
30 T	Cyclohexane	10.000	10.274	-2.7	105	-0.02
31 T	cis-1,2-Dichloroethene	10.000	10.189	-1.9	107	-0.02
32 T	1,1,1-Trichloroethane	10.000	9.892	1.1	106	-0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	105	-0.02
34 T	2-Butanone	10.000	9.880	1.2	104	-0.02
35 T	Carbon Tetrachloride	10.000	10.222	-2.2	103	-0.03
36 T	Benzene	10.000	9.976	0.2	106	-0.02
37 T	1,2-Dichloroethane	10.000	9.879	1.2	107	-0.02
38 T	Trichloroethene	10.000	8.958	10.4	103	-0.03
39 T	1,2-Dichloropropane	10.000	9.891	1.1	106	-0.03
40 T	1,4-Dioxane	10.000	9.638	3.6	94	-0.03
41 T	Tetrahydrofuran	10.000	10.602	-6.0	105	-0.02
42 T	Bromodichloromethane	10.000	10.625	-6.3	106	-0.03
43	Methyl Methacrylate	10.000	10.712	-7.1	106	-0.03
44 T	2,2,4-Trimethylpentane	10.000	9.604	4.0	105	-0.03
45 T	t-1,3-Dichloropropene	10.000	12.015	-20.2	105	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	11.528	-15.3	106	-0.03
47 T	1,1,2-Trichloroethane	10.000	9.839	1.6	105	-0.03
48 T	Dibromochloromethane	10.000	10.746	-7.5	102	-0.03
49 T	Bromoform	10.000	10.943	-9.4	98	-0.03
50 T	4-Methyl-2-Pentanone	10.000	10.177	-1.8	104	-0.03
51 T	2-Hexanone	10.000	10.678	-6.8	103	-0.03
52 T	Tetrachloroethene	10.000	8.844	11.6	98	-0.03
53 T	Toluene	10.000	10.061	-0.6	104	-0.03
54 T	1,2-Dibromoethane	10.000	9.984	0.2	105	-0.03
55 I	Chlorobenzene-d5	10.000	10.000	0.0	101	-0.03
56	1,1,1,2-Tetrachloroethane	10.000	10.123	-1.2	103	-0.03
57 T	Chlorobenzene	10.000	9.154	8.5	103	-0.03
58 T	Ethyl Benzene	10.000	9.945	0.5	104	-0.03
59 T	m/p-Xylene	20.000	20.042	-0.2	109	-0.02
60 T	o-Xylene	10.000	9.728	2.7	104	-0.03
61 T	Styrene	10.000	10.466	-4.7	102	-0.03
62	Isopropylbenzene	10.000	9.278	7.2	103	-0.03
63 T	1,1,2,2-Tetrachloroethane	10.000	9.039	9.6	106	-0.03
64	n-propylbenzene	10.000	9.735	2.7	101	-0.03
65	tert-Butylbenzene	10.000	9.451	5.5	102	-0.03
66 T	Benzyl Chloride	10.000	13.367	-33.7#	102	-0.03
67	sec-Butylbenzene	10.000	9.202	8.0	102	-0.03
68 S	1-Bromo-4-Fluorobenzene	10.000	10.254	-2.5	107	-0.03
69	p-Isopropyltoluene	10.000	9.252	7.5	101	-0.03
70	n-Butylbenzene	10.000	9.392	6.1	103	-0.03
71	2-Chlorotoluene	10.000	9.814	1.9	104	-0.03
72 T	4-Ethyltoluene	10.000	9.736	2.6	102	-0.03
73 T	1,3,5-Trimethylbenzene	10.000	9.764	2.4	102	-0.03
74 T	1,2,4-Trimethylbenzene	10.000	9.281	7.2	102	-0.03
75 T	1,3-Dichlorobenzene	10.000	8.920	10.8	99	-0.03
76 T	1,4-Dichlorobenzene	10.000	9.117	8.8	98	-0.03
77 T	1,2-Dichlorobenzene	10.000	9.123	8.8	100	-0.03
78 T	Hexachloro-1,3-Butadiene	10.000	8.721	12.8	96	-0.03
79 T	Naphthalene	10.000	10.118	-1.2	100	-0.04
80 T	Naphthalene,2-methyl-	10.000	12.219	-22.2	102	-0.02
81 T	1,2,4-Trichlorobenzene	10.000	9.447	5.5	98	-0.04

(#) = Out of Range

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