

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL090320\
 Data File : VL035527.D
 Acq On : 3 Sep 2020 11:40
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 04 06:54:49 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	100	0.00
2 T	Dichlorodifluoromethane	10.000	9.418	5.8	110	0.00
3	Chlorodifluoromethane	10.000	10.267	-2.7	108	0.00
4	Chloromethane	10.000	10.412	-4.1	107	0.00
5 T	Vinyl Chloride	10.000	9.983	0.2	108	0.00
6 T	Bromomethane	10.000	10.494	-4.9	107	0.00
7	Chloroethane	10.000	10.818	-8.2	111	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.963	0.4	107	0.00
9 T	Propene	10.000	10.481	-4.8	109	0.00
10 T	Heptane	10.000	10.472	-4.7	105	0.00
11 T	Trichlorofluoromethane	10.000	9.719	2.8	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.949	0.5	105	0.00
13	Ethanol	10.000	10.153	-1.5	111	0.00
14 T	Bromoethene	10.000	10.881	-8.8	109	0.00
15 T	Acetone	10.000	8.825	11.8	98	0.00
16 T	1,3-Butadiene	10.000	10.735	-7.3	108	0.00
17	tert-Butyl alcohol	10.000	11.400	-14.0	113	0.00
18 T	1,1-Dichloroethene	10.000	10.587	-5.9	107	0.00
19 T	Isopropyl Alcohol	10.000	11.208	-12.1	109	0.00
20 T	Methylene Chloride	10.000	9.556	4.4	119	0.00
21 T	Allyl Chloride	10.000	11.614	-16.1	109	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.421	-4.2	107	0.00
23 T	Vinyl Acetate	10.000	10.925	-9.3	106	0.00
24 T	1,1-Dichloroethane	10.000	10.460	-4.6	109	0.00
25 T	Ethyl Acetate	10.000	10.214	-2.1	108	0.00
26 T	Hexane	10.000	10.350	-3.5	109	0.00
27 T	Carbon Disulfide	10.000	12.029	-20.3	109	0.00
28 T	Methyl tert-Butyl Ether	10.000	11.105	-11.1	109	0.00
29 T	Chloroform	10.000	10.256	-2.6	107	0.00
30 T	Cyclohexane	10.000	11.125	-11.3	107	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.898	-9.0	108	0.00
32 T	1,1,1-Trichloroethane	10.000	10.599	-6.0	107	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	101	0.00
34 T	2-Butanone	10.000	10.412	-4.1	105	0.00
35 T	Carbon Tetrachloride	10.000	10.832	-8.3	105	0.00
36 T	Benzene	10.000	10.539	-5.4	108	0.00
37 T	1,2-Dichloroethane	10.000	10.366	-3.7	108	0.00
38 T	Trichloroethene	10.000	9.527	4.7	105	0.00
39 T	1,2-Dichloropropane	10.000	10.434	-4.3	107	0.00
40 T	1,4-Dioxane	10.000	11.012	-10.1	103	0.00
41 T	Tetrahydrofuran	10.000	11.255	-12.6	107	0.00
42 T	Bromodichloromethane	10.000	11.102	-11.0	107	0.00
43	Methyl Methacrylate	10.000	11.229	-12.3	106	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.133	-1.3	106	0.00
45 T	t-1,3-Dichloropropene	10.000	12.661	-26.6	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	12.180	-21.8	108	0.00
47 T	1,1,2-Trichloroethane	10.000	10.423	-4.2	107	0.00
48 T	Dibromochloromethane	10.000	11.432	-14.3	104	0.00
49 T	Bromoform	10.000	11.991	-19.9	103	0.00
50 T	4-Methyl-2-Pentanone	10.000	10.706	-7.1	106	0.00
51 T	2-Hexanone	10.000	11.225	-12.2	104	0.00
52 T	Tetrachloroethene	10.000	9.593	4.1	102	0.00
53 T	Toluene	10.000	10.618	-6.2	106	0.00
54 T	1,2-Dibromoethane	10.000	10.521	-5.2	106	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	10.000	10.792	-7.9	105	0.00
57 T	Chlorobenzene	10.000	9.732	2.7	105	0.00
58 T	Ethyl Benzene	10.000	10.499	-5.0	105	0.00
59 T	m/p-Xylene	20.000	20.228	-1.1	105	0.00
60 T	o-Xylene	10.000	10.225	-2.2	104	0.00
61 T	Styrene	10.000	11.142	-11.4	104	0.00
62	Isopropylbenzene	10.000	9.813	1.9	104	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	9.470	5.3	107	0.00
64	n-propylbenzene	10.000	10.355	-3.6	103	0.00
65	tert-Butylbenzene	10.000	10.023	-0.2	104	0.00
66 T	Benzyl Chloride	10.000	14.187	-41.9#	104	0.00
67	sec-Butylbenzene	10.000	9.687	3.1	103	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.038	-0.4	100	0.00
69	p-Isopropyltoluene	10.000	9.754	2.5	102	0.00
70	n-Butylbenzene	10.000	9.846	1.5	103	0.00
71	2-Chlorotoluene	10.000	10.266	-2.7	104	0.00
72 T	4-Ethyltoluene	10.000	10.241	-2.4	102	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.337	-3.4	104	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.794	2.1	103	0.00
75 T	1,3-Dichlorobenzene	10.000	9.598	4.0	102	0.00
76 T	1,4-Dichlorobenzene	10.000	9.770	2.3	101	0.00
77 T	1,2-Dichlorobenzene	10.000	9.793	2.1	103	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.774	2.3	104	0.00
79 T	Naphthalene	10.000	10.762	-7.6	102	0.00
80 T	Naphthalene,2-methyl-	10.000	12.466	-24.7	100	0.00
81 T	1,2,4-Trichlorobenzene	10.000	10.328	-3.3	103	0.00

(#) = Out of Range

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