

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101619\
 Data File : VL034314.D
 Acq On : 17 Oct 2019 9:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 17 14:52:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 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	94	0.00
2 T	Dichlorodifluoromethane	10.000	6.765	32.4#	90	0.00
3	Chlorodifluoromethane	10.000	9.512	4.9	93	0.00
4	Chloromethane	10.000	9.533	4.7	92	0.00
5 T	Vinyl Chloride	10.000	9.363	6.4	95	0.00
6 T	Bromomethane	10.000	10.066	-0.7	96	0.00
7	Chloroethane	10.000	9.807	1.9	91	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.346	6.5	96	0.00
9 T	Propene	10.000	9.534	4.7	88	0.00
10 T	Heptane	10.000	10.365	-3.7	94	0.01
11 T	Trichlorofluoromethane	10.000	9.631	3.7	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.858	1.4	97	0.00
13	Ethanol	10.000	10.247	-2.5	101	0.00
14 T	Bromoethene	10.000	10.208	-2.1	92	0.00
15 T	Acetone	10.000	8.381	16.2	96	0.00
16 T	1,3-Butadiene	10.000	9.945	0.5	93	0.00
17	tert-Butyl alcohol	10.000	11.712	-17.1	94	0.00
18 T	1,1-Dichloroethene	10.000	10.035	-0.4	95	0.00
19 T	Isopropyl Alcohol	10.000	11.543	-15.4	94	0.00
20 T	Methylene Chloride	10.000	8.140	18.6	96	0.00
21 T	Allyl Chloride	10.000	10.441	-4.4	94	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.348	-3.5	95	0.00
23 T	Vinyl Acetate	10.000	10.220	-2.2	92	0.00
24 T	1,1-Dichloroethane	10.000	9.685	3.1	93	0.00
25 T	Ethyl Acetate	10.000	9.647	3.5	95	0.00
26 T	Hexane	10.000	9.871	1.3	97	0.00
27 T	Carbon Disulfide	10.000	11.526	-15.3	97	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.002	-0.0	92	0.00
29 T	Chloroform	10.000	9.725	2.8	95	0.00
30 T	Cyclohexane	10.000	10.231	-2.3	93	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.224	-2.2	93	0.00
32 T	1,1,1-Trichloroethane	10.000	9.827	1.7	94	0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	94	0.00
34 T	2-Butanone	10.000	9.773	2.3	93	0.00
35 T	Carbon Tetrachloride	10.000	9.823	1.8	96	0.00
36 T	Benzene	10.000	9.879	1.2	93	0.00
37 T	1,2-Dichloroethane	10.000	9.745	2.6	93	0.00
38 T	Trichloroethene	10.000	9.756	2.4	94	0.00
39 T	1,2-Dichloropropane	10.000	9.751	2.5	92	0.01
40 T	1,4-Dioxane	10.000	10.588	-5.9	92	0.01
41 T	Tetrahydrofuran	10.000	10.014	-0.1	89	0.00
42 T	Bromodichloromethane	10.000	10.231	-2.3	95	0.00
43	Methyl Methacrylate	10.000	10.615	-6.2	94	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.715	2.9	93	0.00
45 T	t-1,3-Dichloropropene	10.000	11.669	-16.7	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	11.352	-13.5	93	0.00
47 T	1,1,2-Trichloroethane	10.000	9.619	3.8	92	0.00
48 T	Dibromochloromethane	10.000	10.787	-7.9	94	0.00
49 T	Bromoform	10.000	10.942	-9.4	93	0.01
50 T	4-Methyl-2-Pentanone	10.000	10.228	-2.3	93	0.00
51 T	2-Hexanone	10.000	10.528	-5.3	93	0.00
52 T	Tetrachloroethene	10.000	9.635	3.7	93	0.01
53 T	Toluene	10.000	10.308	-3.1	93	0.00
54 T	1,2-Dibromoethane	10.000	10.075	-0.7	95	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	96	0.01
56	1,1,1,2-Tetrachloroethane	10.000	9.448	5.5	96	0.01
57 T	Chlorobenzene	10.000	9.031	9.7	94	0.00
58 T	Ethyl Benzene	10.000	9.661	3.4	94	0.01
59 T	m/p-Xylene	20.000	18.461	7.7	93	0.00
60 T	o-Xylene	10.000	9.394	6.1	95	0.02
61 T	Styrene	10.000	9.991	0.1	94	0.00
62	Isopropylbenzene	10.000	9.199	8.0	93	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.090	19.1	92	0.01
64	n-propylbenzene	10.000	9.496	5.0	94	0.02
65	tert-Butylbenzene	10.000	9.091	9.1	91	0.01
66 T	Benzyl Chloride	10.000	10.952	-9.5	86	0.01
67	sec-Butylbenzene	10.000	9.013	9.9	93	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.543	4.6	95	0.00
69	p-Isopropyltoluene	10.000	9.181	8.2	92	0.00
70	n-Butylbenzene	10.000	9.012	9.9	91	0.01
71	2-Chlorotoluene	10.000	9.418	5.8	92	0.01
72 T	4-Ethyltoluene	10.000	9.388	6.1	91	0.01
73 T	1,3,5-Trimethylbenzene	10.000	9.277	7.2	93	0.01
74 T	1,2,4-Trimethylbenzene	10.000	9.079	9.2	92	0.00
75 T	1,3-Dichlorobenzene	10.000	8.630	13.7	90	0.01
76 T	1,4-Dichlorobenzene	10.000	8.858	11.4	90	0.00
77 T	1,2-Dichlorobenzene	10.000	8.407	15.9	88	0.02
78 T	Hexachloro-1,3-Butadiene	10.000	9.620	3.8	110	0.02
79 T	Naphthalene	10.000	12.040	-20.4	106	0.01
80 T	Naphthalene,2-methyl-	10.000	22.176	-121.8#	170	0.01
81 T	1,2,4-Trichlorobenzene	10.000	10.686	-6.9	101	0.01

(#) = Out of Range

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