

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL030320\
 Data File : VL034758.D
 Acq On : 3 Mar 2020 9:43
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 04 05:54:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 01:15:02 2020
 QLast Update : Fri Feb 28 01:15:02 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	102	0.00
2 T	Dichlorodifluoromethane	10.000	7.202	28.0	96	0.00
3	Chlorodifluoromethane	10.000	9.325	6.8	103	0.00
4	Chloromethane	10.000	9.118	8.8	98	0.00
5 T	Vinyl Chloride	10.000	9.292	7.1	101	0.00
6 T	Bromomethane	10.000	9.444	5.6	101	0.00
7	Chloroethane	10.000	9.401	6.0	100	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.127	8.7	104	0.00
9 T	Propene	10.000	9.120	8.8	97	0.00
10 T	Heptane	10.000	9.787	2.1	100	0.00
11 T	Trichlorofluoromethane	10.000	9.477	5.2	106	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.415	5.9	106	0.00
13	Ethanol	10.000	9.345	6.5	105	0.00
14 T	Bromoethene	10.000	9.760	2.4	104	0.00
15 T	Acetone	10.000	8.804	12.0	104	0.00
16 T	1,3-Butadiene	10.000	9.613	3.9	101	0.00
17	tert-Butyl alcohol	10.000	11.987	-19.9	110	0.00
18 T	1,1-Dichloroethene	10.000	9.446	5.5	104	0.00
19 T	Isopropyl Alcohol	10.000	11.729	-17.3	109	0.00
20 T	Methylene Chloride	10.000	8.628	13.7	105	0.00
21 T	Allyl Chloride	10.000	9.852	1.5	103	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.651	3.5	102	0.00
23 T	Vinyl Acetate	10.000	10.299	-3.0	102	0.00
24 T	1,1-Dichloroethane	10.000	9.376	6.2	103	0.00
25 T	Ethyl Acetate	10.000	9.579	4.2	102	0.00
26 T	Hexane	10.000	9.320	6.8	100	0.00
27 T	Carbon Disulfide	10.000	10.327	-3.3	103	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.072	-0.7	103	0.00
29 T	Chloroform	10.000	9.377	6.2	104	0.00
30 T	Cyclohexane	10.000	9.766	2.3	99	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.970	0.3	101	0.00
32 T	1,1,1-Trichloroethane	10.000	9.758	2.4	106	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	101	0.00
34 T	2-Butanone	10.000	9.706	2.9	101	0.00
35 T	Carbon Tetrachloride	10.000	9.998	0.0	105	0.00
36 T	Benzene	10.000	9.417	5.8	99	0.00
37 T	1,2-Dichloroethane	10.000	10.033	-0.3	107	0.00
38 T	Trichloroethene	10.000	9.319	6.8	101	0.01
39 T	1,2-Dichloropropane	10.000	9.582	4.2	99	0.00
40 T	1,4-Dioxane	10.000	10.472	-4.7	99	0.00
41 T	Tetrahydrofuran	10.000	10.276	-2.8	100	0.00
42 T	Bromodichloromethane	10.000	10.109	-1.1	104	0.00
43	Methyl Methacrylate	10.000	10.487	-4.9	100	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.353	6.5	98	0.00
45 T	t-1,3-Dichloropropene	10.000	11.523	-15.2	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	10.924	-9.2	99	0.00
47 T	1,1,2-Trichloroethane	10.000	9.475	5.3	99	0.00
48 T	Dibromochloromethane	10.000	10.649	-6.5	104	0.00
49 T	Bromoform	10.000	10.579	-5.8	103	0.02
50 T	4-Methyl-2-Pentanone	10.000	10.180	-1.8	101	0.00
51 T	2-Hexanone	10.000	10.710	-7.1	101	0.00
52 T	Tetrachloroethene	10.000	9.282	7.2	104	0.00
53 T	Toluene	10.000	10.174	-1.7	99	0.01
54 T	1,2-Dibromoethane	10.000	9.918	0.8	101	0.01
55 I	Chlorobenzene-d5	10.000	10.000	0.0	96	0.02
56	1,1,1,2-Tetrachloroethane	10.000	9.990	0.1	106	0.01
57 T	Chlorobenzene	10.000	9.475	5.3	101	0.00
58 T	Ethyl Benzene	10.000	10.377	-3.8	101	0.00
59 T	m/p-Xylene	20.000	19.681	1.6	100	0.00
60 T	o-Xylene	10.000	9.947	0.5	103	0.00
61 T	Styrene	10.000	10.896	-9.0	99	0.00
62	Isopropylbenzene	10.000	9.851	1.5	102	0.01
63 T	1,1,2,2-Tetrachloroethane	10.000	9.068	9.3	103	0.01
64	n-propylbenzene	10.000	9.985	0.2	100	0.01
65	tert-Butylbenzene	10.000	9.944	0.6	103	0.00
66 T	Benzyl Chloride	10.000	12.352	-23.5	104	0.00
67	sec-Butylbenzene	10.000	9.852	1.5	103	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.264	-2.6	102	0.01
69	p-Isopropyltoluene	10.000	10.017	-0.2	104	0.00
70	n-Butylbenzene	10.000	9.831	1.7	103	0.02
71	2-Chlorotoluene	10.000	9.955	0.4	101	0.00
72 T	4-Ethyltoluene	10.000	10.395	-3.9	102	0.01
73 T	1,3,5-Trimethylbenzene	10.000	10.166	-1.7	102	0.01
74 T	1,2,4-Trimethylbenzene	10.000	9.613	3.9	104	0.01
75 T	1,3-Dichlorobenzene	10.000	9.430	5.7	103	0.00
76 T	1,4-Dichlorobenzene	10.000	9.427	5.7	101	0.01
77 T	1,2-Dichlorobenzene	10.000	9.536	4.6	103	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.308	6.9	106	0.00
79 T	Naphthalene	10.000	10.196	-2.0	101	0.01
80 T	Naphthalene,2-methyl-	10.000	15.381	-53.8#	173	0.01
81 T	1,2,4-Trichlorobenzene	10.000	9.864	1.4	103	0.01

(#) = Out of Range

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