

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022720\
 Data File : VL034730.D
 Acq On : 28 Feb 2020 5:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 28 07:36:49 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	98	0.00
2 T	Dichlorodifluoromethane	10.000	10.285	-2.9	131	0.00
3	Chlorodifluoromethane	10.000	10.082	-0.8	107	0.00
4	Chloromethane	10.000	10.670	-6.7	110	0.00
5 T	Vinyl Chloride	10.000	10.112	-1.1	105	0.00
6 T	Bromomethane	10.000	9.877	1.2	102	0.00
7	Chloroethane	10.000	9.889	1.1	101	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.259	7.4	101	0.00
9 T	Propene	10.000	11.635	-16.3	118	0.00
10 T	Heptane	10.000	11.311	-13.1	110	0.00
11 T	Trichlorofluoromethane	10.000	9.493	5.1	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.542	4.6	103	0.00
13	Ethanol	10.000	7.797	22.0	84	0.00
14 T	Bromoethene	10.000	10.201	-2.0	105	0.00
15 T	Acetone	10.000	9.839	1.6	112	0.00
16 T	1,3-Butadiene	10.000	10.841	-8.4	110	0.00
17	tert-Butyl alcohol	10.000	9.617	3.8	84	0.00
18 T	1,1-Dichloroethene	10.000	9.842	1.6	104	0.00
19 T	Isopropyl Alcohol	10.000	9.142	8.6	81	0.00
20 T	Methylene Chloride	10.000	8.750	12.5	102	0.00
21 T	Allyl Chloride	10.000	10.434	-4.3	105	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.263	-2.6	104	0.00
23 T	Vinyl Acetate	10.000	12.088	-20.9	114	0.00
24 T	1,1-Dichloroethane	10.000	9.672	3.3	102	0.00
25 T	Ethyl Acetate	10.000	10.698	-7.0	109	0.00
26 T	Hexane	10.000	10.253	-2.5	106	0.00
27 T	Carbon Disulfide	10.000	10.313	-3.1	99	0.00
28 T	Methyl tert-Butyl Ether	10.000	11.429	-14.3	112	0.00
29 T	Chloroform	10.000	9.675	3.2	102	0.00
30 T	Cyclohexane	10.000	11.075	-10.7	108	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.945	-9.5	106	0.00
32 T	1,1,1-Trichloroethane	10.000	10.091	-0.9	105	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	99	0.00
34 T	2-Butanone	10.000	10.859	-8.6	111	0.00
35 T	Carbon Tetrachloride	10.000	9.866	1.3	101	0.00
36 T	Benzene	10.000	10.420	-4.2	107	0.00
37 T	1,2-Dichloroethane	10.000	9.666	3.3	101	0.00
38 T	Trichloroethene	10.000	9.977	0.2	106	0.00
39 T	1,2-Dichloropropane	10.000	10.596	-6.0	107	0.00
40 T	1,4-Dioxane	10.000	10.349	-3.5	96	0.00
41 T	Tetrahydrofuran	10.000	11.870	-18.7	113	0.00
42 T	Bromodichloromethane	10.000	10.108	-1.1	102	0.00
43	Methyl Methacrylate	10.000	11.448	-14.5	107	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.182	-1.8	105	0.00
45 T	t-1,3-Dichloropropene	10.000	12.166	-21.7	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	11.863	-18.6	106	0.00
47 T	1,1,2-Trichloroethane	10.000	10.246	-2.5	105	0.00
48 T	Dibromochloromethane	10.000	10.619	-6.2	102	0.00
49 T	Bromoform	10.000	10.528	-5.3	100	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.328	-13.3	110	0.00
51 T	2-Hexanone	10.000	11.931	-19.3	110	0.00
52 T	Tetrachloroethene	10.000	9.565	4.4	105	0.00
53 T	Toluene	10.000	11.165	-11.6	107	0.00
54 T	1,2-Dibromoethane	10.000	10.331	-3.3	103	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	102	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.242	7.6	105	0.00
57 T	Chlorobenzene	10.000	9.114	8.9	104	0.00
58 T	Ethyl Benzene	10.000	10.200	-2.0	106	0.00
59 T	m/p-Xylene	20.000	18.911	5.4	103	0.00
60 T	o-Xylene	10.000	9.320	6.8	103	0.00
61 T	Styrene	10.000	10.661	-6.6	104	0.00
62	Isopropylbenzene	10.000	9.337	6.6	103	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.314	16.9	100	0.00
64	n-propylbenzene	10.000	9.501	5.0	102	0.00
65	tert-Butylbenzene	10.000	9.291	7.1	103	0.00
66 T	Benzyl Chloride	10.000	11.329	-13.3	102	0.00
67	sec-Butylbenzene	10.000	9.194	8.1	103	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.294	7.1	98	0.00
69	p-Isopropyltoluene	10.000	9.361	6.4	104	0.00
70	n-Butylbenzene	10.000	9.238	7.6	103	0.00
71	2-Chlorotoluene	10.000	9.334	6.7	101	0.00
72 T	4-Ethyltoluene	10.000	9.907	0.9	104	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.634	3.7	103	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.006	9.9	104	0.00
75 T	1,3-Dichlorobenzene	10.000	8.878	11.2	103	0.00
76 T	1,4-Dichlorobenzene	10.000	9.052	9.5	103	0.00
77 T	1,2-Dichlorobenzene	10.000	9.161	8.4	105	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.669	3.3	118	0.00
79 T	Naphthalene	10.000	10.501	-5.0	111	0.00
80 T	Naphthalene,2-methyl-	10.000	13.792	-37.9#	165	0.00
81 T	1,2,4-Trichlorobenzene	10.000	10.149	-1.5	113	0.00

(#) = Out of Range

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